**Texas Commission on Environmental Quality**
**Federal Operating Permit Program**
**Individual Unit Summary for Revisions**
**Form OP-SUMR**
**Table 1**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|---|---|---|---|---|---|---|---|
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**Texas Commission on Environmental Quality**
**Federal Operating Permit Program**
**Individual Unit Summary for Revisions**
**Form OP-SUMR**
**Table 2**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
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| 4 | GENSET12 | OP-UA2 | A | GRPSTARICE |
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**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 04/01/2025 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
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|---|---|---|---|
| ***Form OP-REQ1: Page 1*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter** | | |
| | **A.** | **Visible Emissions** | |
| ♦ | 1. | The application area includes stationary vents constructed on or before January 31, 1972. | ☐YES ☒NO |
| ♦ | 2. | The application area includes stationary vents constructed after January 31, 1972.<br>*If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.*<br>*If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.* | ☒YES ☐NO |
| ♦ | 3. | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972. | ☐YES ☐NO |
| ♦ | 4. | All stationary vents are addressed on a unit specific basis. | ☐YES ☒NO |
| ♦ | 5. | Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area. | ☒YES ☐NO |
| ♦ | 6. | The application area includes structures subject to 30 TAC § 111.111(a)(7)(A). | ☒YES ☐NO |
| ♦ | 7. | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A). | ☒YES ☐NO |
| ♦ | 8. | Emissions from units in the application area include contributions from uncombined water. | ☐YES ☒NO |
| ♦ | 9. | The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c). | ☐YES ☐NO ☒N/A |

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| ***Form OP-REQ1: Page 2*** | | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | | |
| | **B.** | **Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots** | | |
| | 1. | Items a - d determines applicability of any of these requirements based on geographical location. | | |
| ♦ | | a. | The application area is located within the City of El Paso. | ☐YES ☒NO |
| ♦ | | b. | The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. | ☐YES ☒NO |
| ♦ | | c. | The application area is located in the portion of Harris County inside the loop formed by Beltway 8. | ☐YES ☒NO |
| ♦ | | d. | The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. | ☐YES ☒NO |
| | | *If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.* | | |
| | 2. | Items a - d determine the specific applicability of these requirements. | | |
| ♦ | | a. | The application area is subject to 30 TAC § 111.143. | ☐YES ☐NO |
| ♦ | | b. | The application area is subject to 30 TAC § 111.145. | ☐YES ☐NO |
| ♦ | | c. | The application area is subject to 30 TAC § 111.147. | ☐YES ☐NO |
| ♦ | | d. | The application area is subject to 30 TAC § 111.149. | ☐YES ☐NO |
| | **C.** | **Emissions Limits on Nonagricultural Processes** | | |
| ♦ | 1. | The application area includes a nonagricultural process subject to 30 TAC § 111.151. | | ☒YES ☐NO |
| | 2. | The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements.<br>*If the response to Question I.C.2 is "NO," go to Question I.C.4.* | | ☐YES ☒NO |
| | 3. | All vents from nonagricultural process in the application area are subject to additional monitoring requirements. | | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 3*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **C.** | **Emissions Limits on Nonagricultural Processes (continued)** | |
| | 4. | The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c). | ☐YES ☒NO |
| | 5. | The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.5 is "NO," go to Question I.C.7.* | ☐YES ☒NO |
| | 6. | All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | 7. | The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b). | ☐YES ☒NO |
| | 8. | The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.8 is "NO," go to Section I.D.* | ☐YES ☒NO |
| | 9. | All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | **D.** | **Emissions Limits on Agricultural Processes** | |
| | 1. | The application area includes agricultural processes subject to 30 TAC § 111.171. | ☐YES ☒NO |
| | **E.** | **Outdoor Burning** | |
| ♦ | 1. | Outdoor burning is conducted in the application area.<br>*If the response to Question I.E.1 is "NO," go to Section II.* | ☐YES ☒NO |
| ♦ | 2. | Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205. | ☐YES ☐NO |
| ♦ | 3. | Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207. | ☐YES ☐NO |
| ♦ | 4. | Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 4*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **E.** | **Outdoor Burning (continued)** | |
| ♦ | 5. | Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. | ☐YES ☐NO |
| ♦ | 6. | Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. | ☐YES ☐NO |
| ♦ | 7. | The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. | ☐YES ☐NO |
| **II.** | **Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds** | | |
| | **A.** | **Temporary Fuel Shortage Plan Requirements** | |
| | 1. | The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18. | ☐YES ☒NO |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10.<br>*See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.* | ☐YES ☒NO |
| | **B.** | **Storage of Volatile Organic Compounds** | |
| ♦ | 1. | The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 5*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **C.** | **Industrial Wastewater** | |
| | 1. | The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140.<br>*If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.* | ☐YES ☐NO ☐N/A |
| | 2. | The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area.<br>*If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.* | ☐YES ☐NO |
| | 3. | The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater).<br>*If the response to Question III.C.3 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 4. | The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons).<br>*If the response to Question III.C.4 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 5. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1). | ☐YES ☐NO |
| | 6. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2). | ☐YES ☐NO |
| | 7. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4). | ☐YES ☐NO |
| | **D.** | **Loading and Unloading of VOCs** | |
| ♦ | 1. | The application area includes VOC loading operations. | ☐YES ☐NO |
| ♦ | 2. | The application area includes VOC transport vessel unloading operations.<br>*For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 6*** | | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | | |
| | **D.** | **Loading and Unloading of VOCs (continued)** | | |
| ♦ | | 3. | Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area. | ☐YES ☐NO |
| | **E.** | **Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities** | | |
| ♦ | | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container.<br>*If the response to Question III.E.1 is "NO," go to Section III.F.* | ☐YES ☐NO |
| ♦ | | 2. | Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area. | ☐YES ☐NO |
| ♦ | | 3. | All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent.<br>*If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | | 4. | The application area is located in a covered attainment county as defined in 30 TAC § 115.10.<br>*If the response to Question III.E.4 is "NO," go to Question III.E.9.* | ☐YES ☐NO |
| ♦ | | 5. | Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | | 6. | Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | | 7. | At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014.<br>*If the response to Question III.E.7 is "YES," go to Section III.F.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 7*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **E.** | **Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)** | |
| ♦ | 8. | At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004.<br>*If the response to Question III.E.8 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | 9. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | ☐YES ☐NO |
| ♦ | 10. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | ☐YES ☐NO |
| ♦ | 11. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992. | ☐YES ☐NO |
| ♦ | 12. | At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005. | ☐YES ☐NO |
| | **F.** | **Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)** | |
| ♦ | 1. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 8*** | | | |
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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **F.** | **Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)** | |
| ♦ | 2. | Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area. | ☐YES ☐NO ☐N/A |
| | **G.** | **Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities** | |
| ♦ | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks.<br>*If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012. | ☐YES ☐NO |
| ♦ | 3. | The application area includes facilities that began construction prior to November 15, 1992.<br>*If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.* | ☐YES ☐NO |
| ♦ | 4. | The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline. | ☐YES ☐NO |
| ♦ | 5. | The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 9*** | | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | | |
| | **H.** | **Control Of Reid Vapor Pressure (RVP) of Gasoline** | | |
| ♦ | 1. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County.<br>*If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.* | ☐YES ☐NO ☐N/A | |
| ♦ | 2. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements. | ☐YES ☐NO | |
| ♦ | 3. | The application area includes a motor vehicle fuel dispensing facility. | ☐YES ☐NO | |
| ♦ | 4. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less. | ☐YES ☐NO | |
| | **I.** | **Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries** | | |
| | 1. | The application area is located at a petroleum refinery. | ☐YES ☐NO | |
| | **J.** | **Surface Coating Processes (Complete this section for GOP applications only.)** | | |
| ♦ | 1. | Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area. | ☐YES ☐NO ☐N/A | |

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| ***Form OP-REQ1: Page 10*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **K.** | **Cutback Asphalt** | |
| | 1. | Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency.<br>*If the response to Question III.K.1 is "N/A," go to Section III.L.* | ☐YES ☐NO ☐N/A |
| | 2. | The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area. | ☐YES ☐NO ☐N/A |
| | 3. | Asphalt emulsion is used or produced within the application area. | ☐YES ☐NO |
| | 4. | The application area is using an alternate control requirement as specified in 30 TAC § 115.513.<br>*If the response to Question III.K.4 is "NO," go to Section III.L.* | ☐YES ☐NO |
| | 5. | The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1). | ☐YES ☐NO |
| | 6. | The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat. | ☐YES ☐NO |
| | 7. | The applicant using cutback asphalt is a state, municipal, or county agency. | ☐YES ☐NO |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels** | |
| ♦ | 1. | The application area includes degassing operations for stationary, marine, and/or transport vessels.<br>*If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area.<br>*If the response to Question III.L.2 is "YES," go to Section III.M.* | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 11*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)** | |
| ♦ | 3. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 4. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 5. | Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO |
| ♦ | 6. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 7. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area. | ☐YES ☐NO ☐N/A |
| | **M.** | **Petroleum Dry Cleaning Systems** | |
| | 1. | The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 12*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **N.** | **Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC)** | |
| | 1. | The application area includes one or more vent gas streams containing HRVOC. | ☐YES ☐NO ☐N/A |
| | 2. | The application area includes one or more flares that emit or have the potential to emit HRVOC.<br>*If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.* | ☐YES ☐NO ☐N/A |
| | 3. | All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times. | ☐YES ☐NO |
| | 4. | All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times.<br>*If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.* | ☐YES ☐NO |
| | 5. | The application area contains pressure relief valves that are not controlled by a flare. | ☐YES ☐NO |
| | 6. | The application area has at least one vent stream which has no potential to emit HRVOC. | ☐YES ☐NO |
| | 7. | The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H). | ☐YES ☐NO |
| | **O.** | **Cooling Tower Heat Exchange Systems (HRVOC)** | |
| | 1. | The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 13*** | | | |
| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area.<br>*For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.*<br>*For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.*<br>*For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.*<br>*For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.* | ☐YES ☒NO |
| | 2. | The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln.<br>*If the response to Question IV.A.2 is "YES," go to Question IV.H.1.* | ☐YES ☒NO |
| | 3. | The application area includes a utility electric generator in an east or central Texas county.<br>*See instructions for a list of counties included.*<br>*If the response to Question IV.A.3 is "YES," go to Question IV.G.1.*<br>*If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.* | ☐YES ☒NO |
| | **B.** | **Utility Electric Generation in Ozone Nonattainment Areas** | |
| | 1. | The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300.<br>*If the response to Question IV.B.1 is "NO," go to Question IV.C.1.* | ☐YES ☐NO |
| | 2. | The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 14*** | | | |
| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)** | | |
| | **C.** | **Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas** | |
| ♦ | 1. | The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400.<br>*For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.* | ☐YES ☐NO |
| ♦ | 2. | The application area is located at a site that was a major source of $NO_X$ before November 15, 1992. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320. | ☐YES ☐NO |
| | **D.** | **Adipic Acid Manufacturing** | |
| | 1. | The application area is located at, or part of, an adipic acid production unit. | ☐YES ☐NO ☐N/A |
| | **E.** | **Nitric Acid Manufacturing - Ozone Nonattainment Areas** | |
| | 1. | The application area is located at, or part of, a nitric acid production unit. | ☐YES ☐NO ☐N/A |
| | **F.** | **Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines** | |
| ♦ | 1. | The application area is located at a site that is a minor source of $NO_X$ in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County).<br>*For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.* | ☐YES ☐NO |
| ♦ | 2. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a). | ☐YES ☐NO |
| ♦ | 3. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 15*** | | | |
| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)** | | |
| | **F.** | **Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)** | |
| ♦ | 4. | The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103. | ☐YES ☐NO |
| ♦ | 5. | The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110. | ☐YES ☐NO |
| | 6. | The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. *If the response to Question IV.F.6 is "NO," go to Section IV.G.* | ☐YES ☐NO |
| | 7. | An ACSS for carbon monoxide (CO) has been approved? | ☐YES ☐NO |
| | 8. | An ACSS for ammonia ($NH_3$) has been approved? | ☐YES ☐NO |
| | 9. | Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below. | |
| | **G.** | **Utility Electric Generation in East and Central Texas** | |
| | 1. | The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. *If the response to Question IV.G.1 is "NO," go to Question IV.H.1.* | ☐YES ☐NO |
| | 2. | The application area is complying with the System Cap in 30 TAC § 117.3020. | ☐YES ☐NO |
| | **H.** | **Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters** | |
| | 1. | The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. *If the response to question IV.H.1 is "NO," go to Section V.* | ☐YES ☒NO |
| | 2. | All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203. | ☐YES ☐NO |

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| *Form OP-REQ1: Page 16* | | | |
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| **V.** | **Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products** | | |
| | **A.** | **Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings** | |
| | 1. | The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States. | ☐YES ☒NO |
| | 2. | The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States.<br>*If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.* | ☐YES ☒NO |
| | 3. | All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6). | ☐YES ☐NO |
| | **B.** | **Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products** | |
| | 1. | The application area manufactures consumer products for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States. | ☐YES ☒NO |
| | 3. | The application area is a distributor of consumer products whose name appears on the label of one or more of the products.<br>*If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.* | ☐YES ☒NO |
| | 4. | All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 17*** | | | |
| **V.** | **Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)** | | |
| | **C.** | **Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings** | |
| | 1. | The application area manufactures or imports architectural coatings for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act.<br>*If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.* | ☐YES ☒NO |
| | 3. | All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5). | ☐YES ☐NO |
| | **D.** | **Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings** | |
| | 1. | The application area manufactures or imports aerosol coating products for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area is a distributor of aerosol coatings for resale or distribution in the United States. | ☐YES ☒NO |
| | **E.** | **Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers** | |
| | 1. | The application area manufactures or imports portable fuel containers for sale or distribution in the United States.<br>*If the response to Question V.E.1 is "NO," go to Section VI.* | ☐YES ☒NO |
| | 2. | All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c). | ☐YES ☐NO |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts.<br>*If the response to Question VI.A.1 is "NO," go to Section VII.* | ☒YES ☐NO |

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| ***Form OP-REQ1: Page 18*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **B.** | **Subpart Y - Standards of Performance for Coal Preparation and Processing Plants** | |
| | 1. | The application area is located at a coal preparation and processing plant.<br>*If the response to Question VI.B.1 is "NO," go to Section VI.C.* | ☐YES ☒NO |
| | 2. | The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd).<br>*If the response to Question VI.B.2 is "NO," go to Section VI.C.* | ☐YES ☐NO |
| | 3. | The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option.<br>*If the response to Question VI.B.3 is "YES," go to Section VI.C.* | ☐YES ☐NO |
| | 4. | The plant contains an open storage pile, as defined in § 60.251, as an affected facility.<br>*If the response to Question VI.B.4 is "NO," go to Section VI.C.* | ☐YES ☐NO |
| | 5. | The open storage pile was constructed, reconstructed or modified after May 27, 2009. | ☐YES ☐NO |
| | **C.** | **Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)** | |
| ♦ | 1. | The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired.<br>*If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005.<br>*If the response to Question VI.C.2 is "NO," go to Section VI.D.* | ☐YES ☐NO |
| ♦ | 3. | One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4). | ☐YES ☐NO |
| ♦ | 4. | The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 19*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **C.** | **Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)** | |
| ♦ | 5. | One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides. | ☐YES ☐NO |
| | **D.** | **Subpart XX - Standards of Performance for Bulk Gasoline Terminals** | |
| | 1. | The application area includes bulk gasoline terminal loading racks.<br>*If the response to Question VI.D.1 is "NO," go to Section VI.E.* | ☐YES ☐NO ☒N/A |
| | 2. | One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC. | ☐YES ☐NO |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions** | |
| ♦ | 1. | The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore).<br>*For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.* | ☐YES ☒NO |
| ♦ | 2. | The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011.<br>*For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 20*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions (continued)** | |
| ♦ | 4. | Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 5. | Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below. | |
| | **F.** | **Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants** | |
| | 1. | The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.<br>*If the response to Question VI.F.1 is "NO," go to Section VI.G.* | ☐YES ☒NO |
| | 2. | Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO. | ☐YES ☐NO |
| | **G.** | **Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems** | |
| | 1. | The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.<br>*If the response to Question VI.G.1 is "NO," go to Section VI.H.* | ☐YES ☒NO |
| | 2. | The application area includes storm water sewer systems. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 21*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **G.** | **Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)** | |
| | 3. | The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater. | ☐YES ☐NO |
| | 4. | The application area includes non-contact cooling water systems. | ☐YES ☐NO |
| | 5. | The application area includes individual drain systems.<br>*If the response to Question VI.G.5 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| | 6. | The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d). | ☐YES ☐NO |
| | 7. | The application area includes completely closed drain systems. | ☐YES ☐NO |
| | **H.** | **Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004** | |
| ♦ | 1. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.H.4 is "NO," go to Section VI.I.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 22*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **H.** | **Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)** | |
| ♦ | 5. | The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.<br>*If the response to Question VI.H.5 is "NO," go to Question VI.H.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| | **I.** | **Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001** | |
| ♦ | 1. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |

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| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **I.** | **Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)** | |
| ♦ | 3. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.I.4 is "NO," go to Section VI.J.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.<br>*If the response to Question VI.I.5 is "NO," go to VI.I.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 24*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **J.** | **Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006** | |
| ♦ | 1. | The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.J.4 is "NO," go to Section VI.K.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.<br>*If the response to Question VI.J.5 is "NO," go to Question VI.J.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 25*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)** | | |
| | **J.** | **Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)** | |
| ♦ | 8. | All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 9. | The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste. | ☐YES ☐NO |
| ♦ | 10. | The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| | **K.** | **Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution** | |
| ♦ | 1. | The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO. | ☐YES ☒NO |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts.<br>*If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.* | YES ☐NO ☒N/A |
| | **B.** | **Subpart F - National Emission Standard for Vinyl Chloride** | |
| | 1. | The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride. | YES ☐NO |
| | **C.** | **Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks Emission Sources) of Benzene (Complete this section for GOP applications only)** | |
| ♦ | 1. | The application area includes equipment in benzene service. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 26*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **D.** | **Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants** | |
| 1. | The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b).<br>*If the response to Question VII.D.1 is "NO," go to Section VII.E.* | ☐YES ☐NO |
| 2. | The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b). | ☐YES ☐NO |
| 3. | The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2. | ☐YES ☐NO |
| **E.** | **Subpart M - National Emission Standard for Asbestos** | |
| | ***Applicability*** | |
| 1. | The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155.<br>*If the response to Question VII.E.1 is "NO," go to Section VII.F.* | ☐YES ☐NO |
| | ***Roadway Construction*** | |
| 2. | The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material. | ☐YES ☐NO |
| | ***Manufacturing Commercial Asbestos*** | |
| 3. | The application area includes a manufacturing operation using commercial asbestos.<br>*If the response to Question VII.E.3 is "NO," go to Question VII.E.4.* | ☐YES ☐NO |
| a. | Visible emissions are discharged to outside air from the manufacturing operation | ☐YES ☐NO |
| b. | An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 27*** | | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | | |
| **E. Subpart M - National Emission Standard for Asbestos (continued)** | | | |
| ***Manufacturing Commercial Asbestos* (continued)** | | | |
| | c. | Asbestos-containing waste material is processed into non-friable forms. | YES ☐NO |
| | d. | Asbestos-containing waste material is adequately wetted. | YES ☐NO |
| | e. | Alternative filtering equipment is being used that has received EPA approval. | YES ☐NO |
| | f. | A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles | YES ☐NO |
| | g. | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| ***Asbestos Spray Application*** | | | |
| 4. | | The application area includes operations in which asbestos-containing materials are spray applied.<br>*If the response to Question VII.E.4 is "NO," go to Question VII.E.5.* | ☐YES ☐NO |
| | a. | Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying.<br>*If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.* | ☐YES ☐NO |
| | b. | Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos. | ☐YES ☐NO |
| | c. | An alternative emission control and waste treatment method is being used that has received prior EPA approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 28*** | | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | | |
| **E. Subpart M - National Emission Standard for Asbestos (continued)** | | | |
| ***Asbestos Spray Application* (continued)** | | | |
| | d. | Asbestos-containing waste material is processed into non-friable forms. | YES ☐NO |
| | e. | Asbestos-containing waste material is adequately wetted. | YES NO |
| | f. | Alternative filtering equipment is being used that has received EPA approval. | YES ☐NO |
| | g. | A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | h. | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| ***Fabricating Commercial Asbestos*** | | | |
| 5. | | The application area includes a fabricating operation using commercial asbestos. *If the response to Question VII.E.5 is "NO," go to Question VII.E.6.* | ☐YES ☐NO |
| | a. | Visible emissions are discharged to outside air from the manufacturing operation. | ☐YES ☐NO |
| | b. | An alternative emission control and waste treatment method is being used that has received prior EPA approval. | ☐YES ☐NO |
| | c. | Asbestos-containing waste material is processed into non-friable forms. | ☐YES ☐NO |
| | d. | Asbestos-containing waste material is adequately wetted. | ☐YES ☐NO |
| | e. | Alternative filtering equipment is being used that has received EPA approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 29*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **E.** | **Subpart M - National Emission Standard for Asbestos (continued)** | |
| | ***Fabricating Commercial Asbestos* (continued)** | |
| | f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| | ***Non-sprayed Asbestos Insulation*** | |
| | 6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying. | YES ☐NO |
| | ***Asbestos Conversion*** | |
| | 7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material. | ☐YES ☐NO |
| **F.** | **Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities** | |
| | 1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process. | ☐YES ☐NO |
| **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations** | |
| | 1. The application area is located at a benzene production facility and/or bulk terminal.<br>*If the response to Question VII.G.1 is "NO," go to Section VII.H.* | ☐YES ☐NO |
| | 2. The application area includes benzene transfer operations at marine vessel loading racks. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 30*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)** | |
| 3. | The application area includes benzene transfer operations at railcar loading racks. | ☐YES ☐NO |
| 4. | The application area includes benzene transfer operations at tank-truck loading racks. | ☐YES ☐NO |
| **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations** | |
| | ***Applicability*** | |
| 1. | The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341. | ☐YES ☐NO |
| 2. | The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b).<br>*If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.* | ☐YES ☐NO |
| 3. | The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates.<br>*If the response to Question VII.H.3 is "YES," go to Section VIII.* | ☐YES ☐NO |
| 4. | The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr).<br>*If the response to Question VII.H.4 is "YES," go to Section VIII* | ☐YES ☐NO |
| 5. | The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr.<br>*If the response to Question VII.H.5 is "YES," go to Section VIII.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 31*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | | |
| ***Applicability* (continued)** | | |
| 6. | The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation. | ☐YES ☐NO |
| 7. | The application area has waste streams with flow-weighted annual average water content of 10% or greater. | ☐YES ☐NO |
| ***Waste Stream Exemptions*** | | |
| 8. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw). | ☐YES ☐NO |
| 9. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr. | ☐YES ☐NO |
| 10. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr. | ☐YES ☐NO |
| 11. | The application area transfers waste off-site for treatment by another facility. | ☐YES ☐NO |
| 12. | The application area is complying with 40 CFR § 61.342(d). | ☐YES ☐NO |
| 13. | The application area is complying with 40 CFR § 61.342(e).<br>*If the response to Question VII.H.13 is "NO," go to Question VII.H.15.* | ☐YES ☐NO |
| 14. | The application area has facility waste with a flow weighted annual average water content of less than 10%. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 32*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | | |
| ***Container Requirements*** | | |
| 15. | The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste.<br>*If the response to Question VII.H.15 is "NO," go to Question VII.H.18.* | ☐YES ☐NO |
| 16. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VII.H.16 is "YES," go to Question VII.H.18.* | ☐YES ☐NO |
| 17. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| ***Individual Drain Systems*** | | |
| 18. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste.<br>*If the response to Question VII.H.18 is "NO," go to Question VII.H.25.* | ☐YES ☐NO |
| 19. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VII.H.19 is "YES," go to Question VII.H.25.* | ☐YES ☐NO |
| 20. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VII.H.20 is "NO," go to Question VII.H.22.* | ☐YES ☐NO |
| 21. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 33*** | | | |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| | **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | |
| | | ***Individual Drain Systems* (continued)** | |
| | 22. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VII.H.22 is "NO," go to Question VII.H.25.* | YES ☐NO |
| | 23. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | YES ☐NO |
| | 24. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | YES ☐NO |
| | | ***Remediation Activities*** | |
| | 25. | Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF. | YES ☐NO |
| **VIII.** | **Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63.<br>*See instructions for 40 CFR Part 63 subparts made applicable only by reference.* | ☒YES ☐NO |
| | **B.** | **Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry** | |
| | 1. | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.B.1 is "NO," go to Section VIII.D.* | ☒YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)**

| | | |
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| 2. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).<br>*If the response to Question VIII.B.2 is "NO," go to Section VIII.D.* | ☐YES ☒NO |
| 3. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | ☐YES ☐NO |
| 4. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | ☐YES ☐NO |
| 5. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does not use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.<br>*If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 35*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater** | | |
| ***Applicability*** | | |
| 1. | The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F.<br>*If the response to Question VIII.C.1 is "NO," go to Section VIII.D.* | ☐YES ☐NO |
| 2. | The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148. | ☐YES ☐NO |
| 3. | The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148.<br>*If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| 4. | The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping. | ☐YES ☐NO |
| 5. | The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere.<br>*If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| ***Vapor Collection and Closed Vent Systems*** | | |
| 6. | Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area. | ☐YES ☐NO |
| 7. | Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration. | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Reloading or Cleaning of Railcars, Tank Trucks, or Barges*** | | |
| 8. | The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank.<br>*If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.* | ☐YES ☐NO |
| 9. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater. | ☐YES ☐NO |
| 10. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system. | ☐YES ☐NO |
| ***Transfer Racks*** | | |
| 11. | The application area includes Group 1 transfer racks that load organic HAPs. | ☐YES ☐NO |
| ***Process Wastewater Streams*** | | |
| 12. | The application area includes process wastewater streams.<br>*If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 13. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF.<br>*If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.* | ☐YES ☐NO |
| 14. | The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). | ☐YES ☐NO |
| 15. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F.<br>*If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 37*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Process Wastewater Streams* (continued)** | | |
| 16. | The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii). | ☐YES ☐NO |
| 17. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272.<br>*If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.* | ☐YES ☐NO |
| 18. | The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i). | ☐YES ☐NO |
| 19. | The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii). | ☐YES ☐NO |
| 20. | The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds. | ☐YES ☐NO |
| 21. | The application area includes process wastewater streams, located at existing sources that are Group 2. | ☐YES ☐NO |
| 22. | The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds. | ☐YES ☐NO |
| 23. | The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 38*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Process Wastewater Streams* (continued)** | | |
| 24. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.* | ☐YES ☐NO |
| 25. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.* | ☐YES ☐NO |
| 26. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 27. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 28. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.* | ☐YES ☐NO |
| 29. | The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 30. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 39*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Drains*** | | |
| 31. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 33. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 34. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 35. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 36. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 40*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C.** | **Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)** | |
| | ***Drains* (continued)** | |
| 37. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 38. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| | ***Gas Streams*** | |
| 39. | The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant. | ☐YES ☐NO |
| 40. | The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5). | ☐YES ☐NO |
| **D.** | **Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks** | |
| 1. | The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations. | ☐YES ☒NO |

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| ***Form OP-REQ1: Page 41*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **E.** | **Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities** | |
| 1. | The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials.<br>*If the response to Question VIII.E.1 is "NO," go to Section VIII.F.* | ☐YES ☒NO |
| 2. | Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O.<br>*If the response to Question VIII.E.2 is "NO," go to Section VIII.F.* | ☐YES ☐NO |
| 3. | The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| 4. | The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| **F.** | **Subpart Q - National Emission Standards for Industrial Process Cooling Towers** | |
| 1. | The application area includes industrial process cooling towers.<br>*If the response to Question VIII.F.1 is "NO," go to Section VIII.G.* | ☐YES ☒NO |
| 2. | Chromium-based water treatment chemicals have been used on or after September 8, 1994. | ☐YES ☐NO |
| **G.** | **Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)** | |
| 1. | The application area includes a bulk gasoline terminal. | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station.<br>*If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.* | ☐YES ☒NO |
| 3. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station.<br>*If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 42*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)** | | |
| 4. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs.<br>*If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |
| 5. | An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station.<br>*If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 6. | The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep).<br>*If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 7. | Emissions screening factor less than 0.5 (ET or EP < 0.5).<br>*If the response to Question VIII.G.7 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 8. | Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0).<br>*If the response to Question VIII.G.8 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 9. | Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0).<br>*If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.* | ☐YES ☐NO |
| 10. | The site at which the application area is located is a major source of HAP.<br>*If the response to Question VIII.G.10 is "NO," go to Section VIII.H.* | ☐YES ☐NO |
| 11. | The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f). | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry**

| | | |
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| 1. | The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2.<br>*If the response to Question VIII.H.1 is "NO," go to Section VIII.I.* | ☐YES ☒NO |
| 2. | The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3).<br>*If the response to Question VIII.H.2 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 3. | The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources.<br>*If the response to Question VIII.H.3 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 4. | The application area includes one or more kraft pulping systems that are existing sources. | ☐YES ☐NO |
| 5. | The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill. | ☐YES ☐NO |
| 6. | The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24.<br>*If the response to Question VIII.H.6 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 7. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i). | ☐YES ☐NO |
| 8. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 44*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **I.** | **Subpart T - National Emission Standards for Halogenated Solvent Cleaning** | |
| 1. | The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent. | ☐YES ☒NO |
| 2. | The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |
| 3. | The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |
| **J.** | **Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins** | |
| 1. | The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units.<br>*If the response to Question VIII.J.1 is "NO," go to Section VIII.K.* | ☐YES ☒NO |
| 2. | Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U.<br>*If the response to Question VIII.J.2 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |
| 4. | The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 45*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | | |
| 5. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.* | ☐YES ☐NO |
| 6. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.* | ☐YES ☐NO |
| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 46*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | | |
| ***Containers*** | | |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| ***Drains*** | | |
| 12. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 15. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit.<br>*If the response to Question VIII.J.15 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 16. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12).<br>*If the response to Question VIII.J.16 is "NO," go to Section VIII.K.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 47*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J.** | **Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | |
| | ***Drains* (continued)** | |
| 17. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate. | ☐YES ☐NO |
| 18. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| **K.** | **Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production** | |
| 1. | The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area.<br>*If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.* | ☐YES ☐NO ☒N/A |
| 2. | The application area includes a BLR and/or WSR research and development facility. | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **L.** | **Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting** | |
| 1. | The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter.<br>*If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.* | ☐YES ☐NO ☒N/A |
| 2. | The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources. | ☐YES ☐NO |
| **M.** | **Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations** | |
| 1. | The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561. | ☐YES ☒NO |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries** | |
| | ***Applicability*** | |
| 1. | The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7).<br>*If the response to Question VIII.N.1 is "NO," go to Section VIII.O.* | ☐YES ☒NO |
| 2. | All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7).<br>*If the response to Question VIII.N.2 is "YES," go to Section VIII.O.* | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)** | | |
| ***Applicability* (continued)** | | |
| 3. | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.N.3 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 4. | The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC.<br>*If the response to Question VIII.N.4 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 5. | The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | ☐YES ☐NO |
| 6. | The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | ☐YES ☐NO |
| 7. | The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.<br>*If the response to Question VIII.N.7 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 8. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 50*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)** | |
| | ***Applicability* (continued)** | |
| 9. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii).<br>*If the response to Question VIII.N.9 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 10. | The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992. | ☐YES ☐NO |
| | ***Containers, Drains, and other Appurtenances*** | |
| 11. | The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| **O.** | **Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations** | |
| 1. | The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1).<br>*If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P* | ☐YES ☐NO ☒N/A |
| 2. | Materials specified in 40 CFR § 63.680(b)(2) are received at the application area. | ☐YES ☐NO |
| 3. | The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)**

| | | |
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| 4. | The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10). | ☐YES ☐NO |
| 5. | The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality." | ☐YES ☐NO |
| 6. | The predominant activity in the application area is the treatment of wastewater received from off-site. | ☐YES ☐NO |
| 7. | The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6). | ☐YES ☐NO |
| 8. | The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61. | ☐YES ☐NO |
| 9. | The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners). | ☐YES ☐NO |
| 10. | The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year.<br>*If the response to Question VIII.O.10 is "YES," go to Section VIII.P.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 52*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)** | | |
| 11. | The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater.<br>*If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.* | ☐YES ☐NO |
| 12. | VOHAP concentration is determined by direct measurement. | ☐YES ☐NO |
| 13. | VOHAP concentration is based on knowledge of the off-site material. | ☐YES ☐NO |
| 14. | The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system.<br>*If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.* | ☐YES ☐NO |
| 15. | An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight. | ☐YES ☐NO |
| 16. | An equipment component in the application area is intended to operate 300 hours or more during a 12-month period. | ☐YES ☐NO |
| 17. | The application area includes containers that manage non-exempt off-site material. | ☐YES ☐NO |
| 18. | The application area includes individual drain systems that manage non-exempt off-site materials. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 53*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| | **P.** | **Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities** | |
| | 1. | The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components.<br>*If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.* | ☐YES ☐NO ☒N/A |
| | 2. | The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7). | ☐YES ☐NO |
| | **Q.** | **Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.** | |
| ♦ | 1. | The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer. | ☐YES ☒NO |
| ♦ | 2. | The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user.<br>*For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.*<br>*For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.* | ☐YES ☒NO |
| ♦ | 3. | The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761.<br>*For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.*<br>*For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.* | ☐YES ☐NO |
| ♦ | 4. | The application area is located at a site that is a major source of HAP.<br>*If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)**

| | | | |
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| ♦ | 5. | The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 $ft^3$) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.<br>*For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.*<br>*For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.*<br>*For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.* | ☐YES ☐NO |
| ♦ | 6. | The application area includes a triethylene glycol (TEG) dehydration unit.<br>*For SOP applications, f the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.* | ☐YES ☐NO |
| ♦ | 7. | The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761. | ☐YES ☐NO |
| ♦ | 8. | The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP. | ☐YES ☐NO |
| ♦ | 9. | Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 55*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| **R.** | **Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)** | | |
| | 1. | The application area includes shipbuilding or ship repair operations.<br>*If the response to Question VIII.R.1 is "NO," go to Section VIII.S.* | ☐YES ☒NO |
| | 2. | Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II. | ☐YES ☐NO |
| **S.** | **Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations** | | |
| | 1. | The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations.<br>*If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.* | ☐YES ☐NO ☒N/A |
| | 2. | The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801. | ☐YES ☐NO |
| **T.** | **Subpart KK - National Emission Standards for the Printing and Publishing Industry** | | |
| | 1. | The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses. | ☐YES ☐NO ☒N/A |
| **U.** | **Subpart PP - National Emission Standards for Containers** | | |
| | 1. | The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions.<br>*If the response to Question VIII.U.1 is "NO," go to Section VIII.V.* | ☐YES ☒NO |
| | 2. | The application area includes containers using Container Level 1 controls. | ☐YES ☐NO |
| | 3. | The application area includes containers using Container Level 2 controls. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 56*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| **U.** | **Subpart PP - National Emission Standards for Containers (continued)** | | |
| | 4. | The application area includes containers using Container Level 3 controls. | ☐YES ☐NO |
| **V.** | **Subpart RR - National Emission Standards for Individual Drain Systems** | | |
| | 1. | The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions. | ☐YES ☒NO |
| **W.** | **Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards** | | |
| | 1. | The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. | ☐YES ☒NO |
| | 2. | The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.<br>*If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.* | ☐YES ☒NO |
| | 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c). | ☐YES ☐NO |
| | 4. | The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c). | ☐YES ☐NO |
| | 5. | All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr. | ☐YES ☐NO |
| | 6. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 57*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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| 15. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit.<br>*If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.* | ☐YES ☐NO |
| 16. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3).<br>*If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.* | ☐YES ☐NO |
| 17. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate. | ☐YES ☐NO |
| 18. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |

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***Form OP-REQ1: Page 59***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| 20. | The application area includes an ethylene production process unit. | ☐YES ☐NO ☒N/A |
| 21. | The application area includes waste streams generated from an ethylene production process unit.<br>*If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.* | ☐YES ☐NO ☒N/A |
| 22. | The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1).<br>*If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 23. | Waste stream(s) are transferred off-site for treatment.<br>*If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.* | ☐YES ☐NO |
| 24. | The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment.<br>*If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 60*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 25. | The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a). | ☐YES ☐NO |
| 26. | The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b).<br>*If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 27. | The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control.<br>*If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 28. | The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s).<br>*If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.* | ☐YES ☐NO |
| 29. | The application area includes containers that receive, manage, or treat a continuous butadiene waste stream. | ☐YES ☐NO |
| 30. | The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream.<br>*If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 31. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.<br>*If the response to Question VIII.W.32 is required, go to Question VIII.W.43.* | ☐YES ☐NO |
| 33. | The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream.<br>*If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.* | ☐YES ☐NO |
| 34. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.* | ☐YES ☐NO |
| 35. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 36. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream.<br>*If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 37. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 62*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 38. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.* | ☐YES ☐NO |
| 39. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 40. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 41. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |
| 42. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 43. | The application area has at least one waste stream that contains benzene.<br>*If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 44. | The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene.<br>*If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.* | ☐YES ☐NO |
| 45. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 63*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 46. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 47. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. *If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 48. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.* | ☐YES ☐NO |
| 49. | The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.* | ☐YES ☐NO |
| 50. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 51. | The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 52. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 64*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W.** | **Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | |
| 53. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 54. | The application area contains a cyanide chemicals manufacturing process.<br>*If the response to Question VIII.W.54 is "NO," go to Section VIII.X.* | ☐YES ☒NO |
| 55. | The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile. | ☐YES ☐NO |
| **X.** | **Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins** | |
| 1. | The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ.<br>*If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.* | ☐YES ☒NO |
| 2. | The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units.<br>*If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 3. | All process wastewater streams generated or managed in the application area are from sources producing polystyrene.<br>*If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |
| 4. | All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN.<br>*If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**

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| 5. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 6. | The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 7. | The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 8. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.* | ☐YES ☐NO |
| 9. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 11. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 12. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 66*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)** | | |
| | 13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| | ***Containers*** | |
| | 14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| | ***Drains*** | |
| | 15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.* | ☐YES ☐NO |
| | 16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| | 17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| | 18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit.<br>*If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 67*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)** | | |
| ***Drains* (continued)** | | |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 20. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate. | ☐YES ☐NO |
| 21. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 68*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| | **Y.** | **Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.** | |
| | 1. | The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units. | ☐YES ☒NO |
| | **Z.** | **Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.** | |
| ♦ | 1. | The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills. | ☐YES ☒NO |
| | **AA.** | **Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)** | |
| | 1. | The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1). | ☐YES ☒NO |
| | 2. | The application area is located at a plant site that is a major source as defined in FCAA § 112(a). | ☒YES ☐NO |
| | 3. | The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP.<br>*If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.* | ☐YES ☒NO |
| | 4. | The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF.<br>*If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 69*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| | 5. The application area includes process wastewater streams.<br>*If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |
| | 6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| | 7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| | 8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.* | ☐YES ☐NO |
| | 9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.* | ☐YES ☐NO |
| | 10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| | 11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| | 12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 70*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| 13. | Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h).<br>*If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.* | ☐YES ☐NO |
| 14. | The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected. | ☐YES ☐NO |
| 15. | Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite.<br>*If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.* | ☐YES ☐NO |
| 16. | The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit. | ☐YES ☐NO |
| 17. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 18. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 19. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.* | ☐YES ☐NO |
| 20. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 71*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| 21. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 23. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 24. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr. | ☐YES ☐NO |
| 25. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute. | ☐YES ☐NO |
| 26. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 72*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| **BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.** | | |
| 1. | The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions. | ☐YES ☒NO |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation** | | |
| 1. | The application area includes a facility at which a site remediation is conducted.<br>*If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.* | ☐YES ☒NO |
| 2. | The application area is located at a site that is a major source of HAP.<br>*If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.* | ☐YES ☐NO |
| 3. | All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6).<br>*If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 4. | Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.<br>*If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 5. | The site remediation will be completed within 30 consecutive calendar days. | ☐YES ☐NO |
| 6. | No site remediation will exceed 30 consecutive calendar days.<br>*If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 7. | Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | ☐YES ☐NO |
| 8. | All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.<br>*If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)** | | |
| 9. | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.<br>*If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.* | ☐YES ☐NO |
| 10. | The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b). | ☐YES ☐NO |
| 11. | The application area includes containers with a capacity greater than 0.46 $m^3$ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii). | ☐YES ☐NO |
| 12. | The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b). | ☐YES ☐NO |
| 13. | The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b). | ☐YES ☐NO |
| 14. | The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962. | ☐YES ☐NO |
| **DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities** | | |
| 1. | The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions.<br>*If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.* | ☐YES ☒NO |
| 2. | The EAF steelmaking facility is a research and development facility.<br>*If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.* | ☐YES ☐NO |
| 3. | Metallic scrap is utilized in the EAF. | ☐YES ☐NO |
| 4. | Scrap containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |
| 5. | Scrap not containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 74*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities** | | |
| 1. | The application area is located at a site that is an area source of HAPs.<br>*If the answer to Question EE.1 is "NO," go to Section VIII.FF.* | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R. | ☐YES ☐NO |
| 3. | The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB. | ☐YES ☐NO |
| 4. | The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB.<br>*If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.* | ☐YES ☐NO |
| 5. | The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a). | ☐YES ☐NO |
| 6. | The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC.<br>*If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 7. | The bulk gasoline terminal has throughput of less than 250,000 gallons per day.<br>*If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.* | ☐YES ☐NO |
| 8. | The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks. | ☐YES ☐NO |
| 9. | The bulk gasoline terminal loads gasoline into railcar cargo tanks.<br>*If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 10. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**

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| | 11. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit. | ☐YES ☐NO |

**FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities**

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| ♦ | 1. | The application area is located at a site that is an area source of hazardous air pollutants.<br>*If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.* | ☐YES ☒NO |
| ♦ | 2. | The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132.<br>*If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment. | ☐YES ☐NO |

**GG. Recently Promulgated 40 CFR Part 63 Subparts**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form.<br>*If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.* | ☒YES ☐NO |
| ♦ | 2. | Provide the Subpart designation (i.e. Subpart EEE) in the space provided below. | |

Subpart ZZZZ

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| **IX.** | **Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions** | | | |
| | **A.** | **Applicability** | | |
| ♦ | 1. | The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10. | ☐YES | ☒NO |
| **X.** | **Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone** | | | |
| | **A.** | **Subpart A - Production and Consumption Controls** | | |
| ♦ | 1. | The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product. | ☐YES | ☐NO ☒N/A |
| | **B.** | **Subpart B - Servicing of Motor Vehicle Air Conditioners** | | |
| ♦ | 1. | Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area. | ☐YES | ☒NO |
| | **C.** | **Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances** | | |
| ♦ | 1. | The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C. | ☐YES | ☐NO ☒N/A |
| | **D.** | **Subpart D - Federal Procurement** | | |
| ♦ | 1. | The application area is owned/operated by a department, agency, or instrumentality of the United States. | ☐YES | ☐NO ☒N/A |
| | **E.** | **Subpart E - The Labeling of Products Using Ozone Depleting Substances** | | |
| ♦ | 1. | The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer. | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance. | ☐YES | ☐NO ☒N/A |
| ♦ | 3. | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance. | ☐YES | ☐NO ☒N/A |

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| ***Form OP-REQ1: Page 77*** | | | | |
| **X.** | **Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)** | | | |
| | **F.** | **Subpart F - Recycling and Emissions Reduction** | | |
| ♦ | 1. | Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area. | ☐YES | ☒NO |
| ♦ | 2. | Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area. | ☐YES | ☐NO ☒N/A |
| ♦ | 3. | The application area manufactures appliances or refrigerant recycling and recovery equipment. | ☐YES | ☐NO ☒N/A |
| | **G.** | **Subpart G - Significant New Alternatives Policy Program** | | |
| ♦ | 1. | The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound.<br>*If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.* | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7). | ☐YES | ☐NO ☐N/A |
| | **H.** | **Subpart H -Halon Emissions Reduction** | | |
| ♦ | 1. | Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area. | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | Disposal of halons or manufacturing of halon blends is conducted in the application area. | ☐YES | ☐NO ☒N/A |
| **XI.** | **Miscellaneous** | | | |
| | **A.** | **Requirements Reference Tables (RRT) and Flowcharts** | | |
| | 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart. | ☐YES | ☒NO |

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| ***Form OP-REQ1: Page 78*** | | | | |
| **XI.** | **Miscellaneous (continued)** | | | |
| | **B.** | **Forms** | | |
| ♦ | | 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form.<br>*If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.* | ☐YES ☒NO ☐N/A |
| ♦ | | 2. | Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below. | |
| | **C.** | **Emission Limitation Certifications** | | |
| ♦ | | 1. | The application area includes units for which federally enforceable emission limitations have been established by certification. | ☒YES ☐NO |
| | **D.** | **Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements** | | |
| | | 1. | The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP). | ☐YES ☒NO |
| | | 2. | The application area includes units located at the site that are subject to a site-specific requirement of the SIP. | ☐YES ☒NO |
| | | 3. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator.<br>*If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.* | ☐YES ☒NO |
| | | 4. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director.<br>*If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.* | ☐YES ☒NO |

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| ***Form OP-REQ1: Page 79*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **E.** | **Title IV - Acid Rain Program** | |
| | 1. | The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program. | ☐YES ☒NO |
| | 2. | The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7. | ☐YES ☒NO |
| | 3. | The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8. | ☐YES ☒NO |
| | **F.** | **40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) $NO_X$ Ozone Season Group 2 Trading Program** | |
| | 1. | The application area includes emission units subject to the requirements of the CSAPR $NO_X$ Ozone Season Group 2 Trading Program.<br>*If the response to Question XI.F.1 is "NO," go to Question XI.F.7.* | ☐YES ☒NO |
| | 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for $NO_X$ and heat input. | ☐YES ☐NO |
| | 3. | The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for $NO_X$, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | ☐YES ☐NO |
| | 4. | The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for $NO_X$, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | ☐YES ☐NO |
| | 5. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $NO_X$ and heat input. | ☐YES ☐NO |
| | 6. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $NO_X$ and heat input. | ☐YES ☐NO |
| | 7. | The application area includes emission units that qualify for the CSAPR $NO_X$ Ozone Season Group 2 retired unit exemption. | ☐YES ☒NO |

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| ***Form OP-REQ1: Page 80*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **G.** | **40 CFR Part 97, Subpart FFFFF - Texas $SO_2$ Trading Program** | |
| | 1. | The application area includes emission units complying with the requirements of the Texas $SO_2$ Trading Program.<br>*If the response to Question XI.G.1 is "NO," go to Question XI.G.6.* | ☐YES ☒NO |
| | 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for $SO_2$ and 40 CFR Part 75, Subpart H for heat input. | ☐YES ☐NO |
| | 3. | The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for $SO_2$ and heat input. | ☐YES ☐NO |
| | 4. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $SO_2$ and heat input. | ☐YES ☐NO |
| | 5. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $SO_2$ and heat input. | ☐YES ☐NO |
| | 6. | The application area includes emission units that qualify for the Texas $SO_2$ Trading Program retired unit exemption. | ☐YES ☒NO |
| | **H.** | **Permit Shield (SOP Applicants Only)** | |
| | 1. | A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit. | ☒YES ☐NO |

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| ***Form OP-REQ1: Page 81*** | | | | |
| **XI.** | **Miscellaneous (continued)** | | | |
| | **I.** | **GOP Type (Complete this section for GOP applications only)** | | |
| ♦ | 1. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties. | ☐YES | ☐NO |
| ♦ | 2. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties. | ☐YES | ☐NO |
| ♦ | 3. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties. | ☐YES | ☐NO |
| ♦ | 4. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County. | ☐YES | ☐NO |
| ♦ | 5. | The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit. | ☐YES | ☐NO |
| | **J.** | **Title 30 TAC Chapter 101, Subchapter H** | | |
| ♦ | 1. | The application area is located in a nonattainment area.<br>*If the response to Question XI.J.1 is "NO," go to question XI.J.3.* | ☐YES | ☒NO |
| ♦ | 2. | The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | ☐YES | ☐NO<br>☐N/A |
| ♦ | 3. | The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | ☐YES | ☐NO<br>☒N/A |

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| **XI.** | **Miscellaneous (continued)** | | |
| | **J.** | **Title 30 TAC Chapter 101, Subchapter H (continued)** | |
| ♦ | 4. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of $NO_X$. | ☐YES ☒NO |
| ♦ | 5. | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I. | ☐YES ☒NO |
| ♦ | 6. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2. | ☐YES ☒NO |
| ♦ | 7. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program. | ☐YES ☒NO |
| | **K.** | **Periodic Monitoring** | |
| ♦ | 1. | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. | ☐YES ☒NO |
| ♦ | 2. | The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.* | ☐YES ☒NO |
| ♦ | 3. | All periodic monitoring requirements are being removed from the permit with this application. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 83*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **L.** | **Compliance Assurance Monitoring** | |
| ♦ | 1. | The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source.<br>*If the response to Question XI.L.1 is "NO," go to Section XI.M.* | ☐YES ☒NO |
| ♦ | 2. | The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement.<br>*If the response to Question XI.L.2 is "NO," go to Section XI.M.* | ☐YES ☐NO |
| ♦ | 3. | The permit holder has submitted a CAM proposal on Form OP-MON in a previous application. | ☐YES ☐NO |
| ♦ | 4. | The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application.<br>*If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.* | ☐YES ☐NO |
| | 5. | The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit. | ☐YES ☐NO |
| | 6. | Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below. | |
| ♦ | 7. | At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). | ☐YES ☐NO |
| ♦ | 8. | All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).<br>*If the response to Question XI.L.8 is "YES," go to Section XI.M.* | ☐YES ☐NO |

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| **XI.** | **Miscellaneous (continued)** | | | |
| | **L.** | **Compliance Assurance Monitoring (continued)** | | |
| ♦ | 9. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 10. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 11. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 12. | The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass. | ☐YES | ☐NO |
| | **M.** | **Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times** | | |
| ♦ | 1. | The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004.<br>*If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.* | ☐YES | ☐NO<br>☒N/A |
| ♦ | 2. | All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES | ☐NO |
| **XII.** | **New Source Review (NSR) Authorizations** | | | |
| | **A.** | **Waste Permits with Air Addendum** | | |
| ♦ | 1. | The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum.<br>*If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.* | ☐YES | ☒NO |

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| ***Form OP-REQ1: Page 85*** | | | |
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits** | |
| ♦ | 1. | The application area includes at least one Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.* | ☒YES ☐NO |
| ♦ | 2. | The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617. | ☐YES ☒NO |
| ♦ | 3. | The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization. | ☐YES ☒NO |
| ♦ | 4. | The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620. | ☐YES ☒NO |
| ♦ | 5. | The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization. | ☐YES ☒NO |
| ♦ | 6. | The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621. | ☐YES ☒NO |
| ♦ | 7. | The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U. | ☐YES ☒NO |
| | 8. | The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 9. | The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 10. | The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |

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| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits (continued)** | |
| ♦ | 11. | The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 12. | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.12 is "NO," go to Question XII.B.15.* | ☒YES ☐NO |
| ♦ | 13. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region. | ☐YES ☒NO |
| ♦ | 14. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region. | ☒YES ☐NO |
| ♦ | 15. | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 16. | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| | **C.** | **Flexible Permits** | |
| | 1. | The application area includes at least one Flexible Permit NSR authorization. | ☐YES ☒NO |
| | **D.** | **Multiple Plant Permits** | |
| | 1. | The application area includes at least one Multi-Plant Permit NSR authorization. | ☐YES ☒NO |

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**XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)**

**E. PSD Permits and PSD Major Pollutants**

| | | |
|---|---|---|
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |

*If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.*

**F. Nonattainment (NA) Permits and NA Major Pollutants**

| | | |
|---|---|---|
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |

*If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.*

**G. NSR Authorizations with FCAA § 112(g) Requirements**

| | | | |
|---|---|---|---|
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |

♦ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

| | | | |
|---|---|---|---|
| Authorization No.: 140752 | Issuance Date: 01/31/2024 | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |

| | |
|---|---|
| Date: | 04/01/2025 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these question unless otherwise directed.*

| **Form OP-REQ1: Page 88** | |
|---|---|
| **XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)** | |
| ♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area** | |
| *A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.* | |
| PBR No.: 106.511 | Version No./Date: effective September 4, 2000 |
| PBR No.: 106.473 | Version No./Date: effective September 4, 2000 |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
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| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| ♦ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum** | |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |

**Permit By Rule Supplemental Table (Page 1)**
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 04/01/2025 | O-3896 | RN109220137 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---|---|---|---|
| N/A | | | |
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**Permit By Rule Supplemental Table (Page 2)**
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 04/01/2025 | O-3896 | RN109220137 |

| Unit ID No. | PBR No. | Version No./Date |
|---|---|---|
| GENSET7 | 106.511 | 09/04/2000 |
| GENSET8 | 106.511 | 09/04/2000 |
| GENSET13 | 106.511 | 09/04/2000 |
| T-1 | 106.473 | 09/04/2000 |
| T-2 | 106.473 | 09/04/2000 |
| T-3 | 106.473 | 09/04/2000 |
| | | |
| | | |
| | | |
| | | |

**Permit By Rule Supplemental Table (Page 3)**
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 04/01/2025 | O-3896 | RN109220137 |

| PBR No. | Version No./Date |
|---|---|
| N/A | |
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**Permit By Rule Supplemental Table (Page 4)**
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 04/01/2025 | O-3896 | RN109220137 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---|---|---|---|
| T-1 | 106.473 | 09/04/2000 | Records of fuel dispensed into the tank will be maintained to demonstrate that <2 |
| T-2 | 106.473 | 09/04/2000 | Records of fuel dispensed into the tank will be maintained to demonstrate that <2 |
| T-3 | 106.473 | 09/04/2000 | Records of oil dispensed into the tank will be maintained to demonstrate that <20 |
| GENSET7 | 106.511 | 09/04/2000 | Records must identify the rules under which your facility is operating and demons |
| GENSET8 | 106.511 | 09/04/2000 | Records must identify the rules under which your facility is operating and demons |
| GENSET13 | 106.511 | 09/04/2000 | Records must identify the rules under which your facility is operating and demons |
| | | | |
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Reset Form Print Form

**Form OP-CRO1**
**Certification by Responsible Official**
**Federal Operating Permit Program**

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

| **I. Identifying Information** | | |
|---|---|---|
| RN: 109220137 | CN: 604538777 | Account No.: HIA001A |
| Permit No.: O-3896 | Project No.: TBA | |
| Area Name: Larsen Farms Power Generating Facility PL | Company Name: Blaine Larsen Farms, Inc. | |

**II. Certification Type** *(Please mark the appropriate box)*

☐ Responsible Official ☒ Duly Authorized Representative

**III. Submittal Type** *(Please mark the appropriate box) (Only one response can be accepted per form)*

☐ SOP/TOP Initial Permit Application ☐ Update to Permit Application

☐ GOP Initial Permit Application ☒ Permit Revision, Renewal, or Reopening

☐ Other: _____

**IV. Certification of Truth**

**This certification does not extend to information which is designated by the TCEQ as information for reference only.**

I, Antonio Huaracha (*Certifier Name printed or typed*) certify that I am the DAR (*RO or DAR*)

and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:

*Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).*

Time Period: From _____ (*Start Date*) to _____ (*End Date*)

Specific Dates: 08/05/2025 (*Date 1*) _____ (*Date 2*) _____ (*Date 3*) _____ (*Date 4*) _____ (*Date 5*) _____ (*Date 6*)

Signature: Antonio Huaracha Signature Date: 08/05/2025

Title: Plant Manager

**Stationary Reciprocating Internal Combustion Engine Attributes**
**Form OP-UA2 (Page 4)**
**Federal Operating Permit Program**
**Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**
**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | HAP Source | Brake HP | Construction/ Reconstruction Date | Nonindustrial Emergency Engine | Service Type | Stationary RICE Type |
|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GRP-ENGINES2 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | EMER-A | |
| GRPSTARICE | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GENSET13 | 63ZZZZ-1 | MAJOR | 100-250 | 06+ | | EMER-A | |

**Form OP-UA2 (Page 5)**
**Federal Operating Permit Program**
**Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**
**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Manufacture Date | Operating Hours | Different Schedule | Emission Limitation | Displacement |
|---|---|---|---|---|---|---|
| GRP-ENGINES1 | 63ZZZZ-1 | | | NO | CONC | |
| GRPSTARICE | 63ZZZZ-1 | | | NO | CONC | |
| | | | | | | |

**Form OP-UA2 (Page 6)**
**Federal Operating Permit Program**
**Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**
**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary 32BReciprocating Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Crankcase | Performance Test | Control Technique | Operating Limits | Monitoring System |
|---|---|---|---|---|---|---|
| GRP-ENGINES1 | 63ZZZZ-1 | YES | NO | OXCAT | | CPMS |
| GRPSTARICE | 63ZZZZ-1 | YES | NO | OXCAT | | CPMS |
| | | | | | | |

**Form OP-UA2 (Page 8)**
**Federal Operating Permit Program**
**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Construction/ Reconstruction/ Modification Date | Test Cell | Exemption | Temp Replacement | Horsepower | Fuel | AEL No. | Lean Burn | Commencing |
|---|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| GRPSTARICE | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| | | | | | | | | | | |

**Stationary Reciprocating Internal Combustion Engine Attributes**
**Form OP-UA2 (Page 9)**
**Federal Operating Permit Program**
**Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Manufacture Date | Displacement | Certified | Operation | Certified Modification | Service | Severe Duty | Optional Compliance |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | 60JJJJ-1 | N0710+ | | YES | YES | | NON | | |
| GRPSTARICE | 60JJJJ-1 | N0710+ | | NO | | | NON | | |
| | | | | | | | | | |

## Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
## Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
## Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Applicability Date | Exemptions | Service | Commencing | Manufacture Date |
|---|---|---|---|---|---|---|
| GRP-ENGINES2 | 60IIII-1 | 2005+ | NONE | EMERG | CON | 0406+ |
| GENSET13 | 60IIII-1 | 2005+ | NONE | EMERG | CON | 0406+ |
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**Stationary Reciprocating Internal Combustion Engine Attributes**
**Form OP-UA2 (Page 11)**
**Federal Operating Permit Program**
**Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Diesel | AES No. | Displacement | Generator Set | Model Year | Install Date |
|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | 60IIII-1 | DIESEL | | 10-CS | | 2007- | |
| GENSET13 | 60IIII-1 | DIESEL | | 10-CS | | 2011 | |
| | | | | | | | |
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**Stationary Reciprocating Internal Combustion Engine Attributes**
**Form OP-UA2 (Page 12)**
**Federal Operating Permit Program**
**Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Kilowatts | Filter | AECD | Standard | Compliance Option | PM Compliance | Options |
|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | 60IIII-1 | 130-2237 | | | YES | PURCH | | |
| GENSET13 | 60IIII-1 | E130-368 | | | YES | MANU YES | | |
| | | | | | | | | |
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# Texas Commission on Environmental Quality

Title V Existing

3896

## Site Information (Regulated Entity)

| | |
|---|---|
| What is the name of the permit area to be authorized? | LARSEN FARMS POWER GENERATING FACILITY PLANT NO. 1 |
| Does the site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 12295 COUNTY ROAD 11 |
| City | DALHART |
| State | TX |
| ZIP | 79022 |
| County | HARTLEY |
| Latitude (N) (##.######) | 35.933055 |
| Longitude (W) (-###.######) | 102.893888 |
| Primary SIC Code | 4911 |
| Secondary SIC Code | |
| Primary NAICS Code | 221112 |
| Secondary NAICS Code | |
| Regulated Entity Site Information | |
| What is the Regulated Entity's Number (RN)? | RN109220137 |
| What is the name of the Regulated Entity (RE)? | LARSEN FARMS POWER GENERATING FACILITY PLANT 1 |
| Does the RE site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 12295 COUNTY ROAD 11 |
| City | DALHART |
| State | TX |
| ZIP | 79022 |
| County | HARTLEY |
| Latitude (N) (##.######) | 35.933091 |
| Longitude (W) (-###.######) | -102.893901 |
| Facility NAICS Code | |
| What is the primary business of this entity? | POWER GENERATING FACILITY |

## Customer (Applicant) Information

| | |
|---|---|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN604538777 |
| Type of Customer | Corporation |
| Full legal name of the applicant: | |
| Legal Name | Blaine Larsen Farms, Inc. |
| Texas SOS Filing Number | 801429654 |
| Federal Tax ID | 820440420 |
| State Franchise Tax ID | 32044312158 |

| | |
|---|---|
| State Sales Tax ID | |
| Local Tax ID | |
| DUNS Number | |
| Number of Employees | 101-250 |
| Independently Owned and Operated? | Yes |

## Responsible Official Contact

| | |
|---|---|
| Person TCEQ should contact for questions about this application: | |
| Organization Name | BLAINE LARSEN FARMS INC |
| Prefix | MR |
| First | BLAINE |
| Middle | |
| Last | LARSEN |
| Suffix | |
| Credentials | |
| Title | PRESIDENT |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 12295 COUNTY ROAD 11 |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | DALHART |
| State | TX |
| ZIP | 79022 |
| Phone (###-###-####) | 8063330321 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | blarsen@larsenfarms.com |

## Duly Authorized Representative Contact

| | |
|---|---|
| Person TCEQ should contact for questions about this application | |
| Select existing DAR contact or enter a new contact. | ANTONIO HUARACHA(BLAINE LARSEN F... ) |
| Organization Name | BLAINE LARSEN FARMS INC |
| Prefix | MR |
| First | ANTONIO |
| Middle | |
| Last | HUARACHA |
| Suffix | |
| Credentials | |
| Title | FARM MANAGER |
| Enter new address or copy one from list | |
| Mailing Address | |
| Address Type | Domestic |

| | |
|---|---|
| Mailing Address (include Suite or Bldg. here, if applicable) | 12295 COUNTY ROAD 11 |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | DALHART |
| State | TX |
| Zip | 79022 |
| Phone (###-###-####) | 8063330321 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | ahauracha@larsenfarms.com |

## Technical Contact

| | |
|---|---|
| Person TCEQ should contact for questions about this application: | |
| Select existing TC contact or enter a new contact. | THOMAS WARNACK(INTERA INCORPOR... ) |
| Organization Name | INTERA INCORPORATED |
| Prefix | MR |
| First | THOMAS |
| Middle | |
| Last | WARNACK |
| Suffix | |
| Credentials | |
| Title | AIR QUALITY ENGINEER |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 9600 GREAT HILLS TRL STE 300W |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | AUSTIN |
| State | TX |
| ZIP | 78759 |
| Phone (###-###-####) | 5124252060 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | twarnack@intera.com |

## Title V General Information - Existing

| | |
|---|---|
| 1) Permit Type: | SOP |
| 2) Permit Latitude Coordinate: | 35 Deg 55 Min 59 Sec |
| 3) Permit Longitude Coordinate: | 102 Deg 53 Min 38 Sec |
| 4) Is this submittal a new application or an update to an existing application? | Update |
| 4.1. Select the permit/project number for which this update should be applied. | 3896-36952 |
| 5) Who will electronically sign this Title V application? | Duly Authorized Representative |

| | |
|---|---|
| 6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements? | No |

## Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

Attach OP-ACPS (Application Compliance Plan and Schedule)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=273563>OP_REQ1_F250723_OP-REQ1.pdf</a> |
| Hash | F5E4B06809EC20C8C7E47A9639E432C6E5BC44F80540DBD2B9CC9AC219CABBFE |
| MIME-Type | application/pdf |

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=273560>OP_PBRSUP_F250401_OP-PBRSUP.pdf</a> |
| Hash | D9576AFDECC4729402865CB13DF05F04F6B2E7D1915A21C86787A1AB29B528FC |
| MIME-Type | application/pdf |

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=273562>OP_SUMR_F250513_OP-SUMR.docx</a> |
| Hash | D4C7A7035D569C52A7ECB66B17F9073020EA52FCB8C3F07426A21710E0AD2743 |
| MIME-Type | application/vnd.openxmlformats-officedocument.wordprocessingml.document |

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=273561>F250404_OP-UA2.docx</a> |
| Hash | 317AC7950DE3FEBD928ED2668BC66F3AF1FEA0AAAB7FA2D7197A78712450A73E |
| MIME-Type | application/vnd.openxmlformats-officedocument.wordprocessingml.document |

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

An additional space to attach any other necessary information needed to complete the permit.

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=273559>Form OP-CRO1 - Signed.pdf</a> |
| Hash | 8CDA8D082EAF8DD082B07957A6BE9BBD134FDB26064A1C65A85470A495061F24 |
| MIME-Type | application/pdf |

## Certification

I certify that I am the Duly Authorized Representative for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Antonio Huaracha, the owner of the STEERS account ER067463.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcemer of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 3896.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Antonio Huaracha OWNER OPERATOR

| | |
|---|---|
| Account Number: | ER067463 |
| Signature IP Address: | 69.55.25.86 |
| Signature Date: | 2025-08-05 |
| Signature Hash: | 6F85AC51DA48E6FA3880CECFD151AD9E058B5576880C54108E118BE05EFDB213 |
| Form Hash Code at time of Signature: | 95AED5D51F00C80ABCCC54D48C158B78AFDE0C4590FE7A4AC58C8C18ED026E3F |

## Submission

| | |
|---|---|
| Reference Number: | The application reference number is 806539 |
| Submitted by: | The application was submitted by ER067463/Antonio Huaracha |
| Submitted Timestamp: | The application was submitted on 2025-08-05 at 13:45:22 CDT |
| Submitted From: | The application was submitted from IP address 69.55.25.86 |

| | |
|---|---|
| Confirmation Number: | The confirmation number is 669262 |
| Steers Version: | The STEERS version is 6.92 |
| Permit Number: | The permit number is 3896 |

## Additional Information

Application Creator: This account was created by Thomas Warnack

**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Wednesday, July 23, 2025 8:42 AM
**To:** Alfredo Mendoza
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952
**Attachments:** Revised draft permit O3896TFW.docx

Hey Alfredo,

Thanks for your review! We are working to compile all of the latest versions of the forms for compilation and once we do that we will have the site contact sign the OP-CR01 form and resubmit all documents to you via email and also will upload to sign/submit in STEERS.

I wanted to point out that I agree with your responses to comments, however, it looked like in the latest version of the draft permit a few regulatory references were agreed that they could be removed, but they were not - see the attached redlined version. I just want to get ahead of this to make sure no other form revisions are needed and to see if you agree with the last change. Otherwise, we will continue to work on form compilation and submittal.

Let me know if you have feedback or questions.

Thanks,

INTERA

**Thomas Warnack**
Senior Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Sent:** Tuesday, July 22, 2025 3:38 PM
**To:** Thomas Warnack <twarnack@intera.com>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I have completed my review of your comments on the working draft permit, and I have attached two files. One is the working draft permit with my responses to your comments and the other is the revised permit. Below is the summary of my responses:

- I removed the Special Term and Condition 7 relating to Additional Monitoring. This term was generated due to an incorrect response on page 82 of the OP-REQ1 relating to periodic monitoring. Since there were no periodic monitoriong requirements submitted on form OP-MON in the renewal application, question XI.K.2. should be answered NO. Please resubmit page 82 of the OP-REQ1 to correct the response to question XI.K.2.
- Regarding the 40 CFR Part 60, Subpart JJJJ comments for emission unit GRP-ENGINES1, recordkeeping citation 60.4243(a)(1) is applicable as citation 60.4243(b)(1) which is applicable for engines complying with the emission standard of 60.4233(e) directly references compliance with the methods specified in 60.4243(a). Recordkeeping citation 60.4245(a)(1) is not applicable as there is no notification requirement specified in 60.4245 that apply to this engine.
- Regarding the 40 CFR Part 63, Subpart ZZZZ comments for emission units GRP-ENGINES1 and GRP-STARICE, I removed monitoring/testing citations 63.6610(b) and (c) as they did not apply to the engines based on your representation that the engines were not constructed or modified between the specified dates.
- I did not change the order of the emission units in the New Source Review Authorization References by Emissions Unit table. This the order that the units are sorted in our permit database and generated via macros to create the Word Document.

If you are in agreement with the revised draft permit, please certify all application updates that have not been previously certified. This will include your updates submitted via email on May 19, 2025; April 4, 2025; September 5, 2024; and the date of the revised OP-REQ1 page to update page 82. It is preferable if you certify the updates in STEERS. Otherwise, a hard copy of the OP-CRO1 form is required to be mailed to TCEQ. Please submit the OP-CRO1 as soon as possible so I can send the public notice authorization letter out to start the public notice process.

If you have any questions, please let me know.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Monday, May 19, 2025 7:46 AM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>

**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

We have attached the revised forms. Also, we inserted comments on the draft permit as we believe that some of the requirements listed in the applicable requirements summary table in the permit are not applicable to these units. Please let me know if these suggested edits on the permit warrant further changes on forms or if more clarification is needed.

Thanks,

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Sent:** Thursday, May 15, 2025 3:24 PM
**To:** Thomas Warnack <twarnack@intera.com>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

In response to your questions:

- 112(g) is for a case-by-case MACT determination when there is no federal regulation promulgated for the specific source category under 40 CFR Part 63 also known as the MACT hammer. It is my understanding that if this was the case, the NSR permit section would have issued a specific HAP permit number (such as HAP10 for example) along with the state permit. I believe that would only apply for case-by-case NSR permits issued under 30 TAC Chapter 116, Subchapter B. Since permit 140752 is a EGU Standard Permit Registration, the MACT case-by-case review under FCAA §112(g) is not applicable.

- You can remove the emergency RICE from Table 1 of the OP-SUMR if there are no changes being made to the unit ID, unit ID name decription, or NSR authorizations.
- You are only required to revise the application form pages that are being updated and not the entire application. After we agree on the draft permit, I will ask that the form updates be certified. It is preferable that the form updates are submitted via STEERS, otherwise you will be required to submit a hard copy of the OP-CRO1 to certify the updates. But I will ask for the certification after I review the updates that you submit via email in case any further updates are required. The complete permit application and any revised pages will be required to be made available at the public library during public notice. All application updates are also required to be submitted to EPA Region 6 and TCEQ Regional office.

Please let me know if you have any further questions.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Wednesday, May 14, 2025 11:00 AM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

Thanks for providing these comments! We are working through reviewing the permit and will have redlines/comments soon. I tried giving you a call and left a voicemail but figured I would follow up with an email:

- OP-REQ1 page 87, NSR Permit 140752 should be listed in Section H instead of Section G. Section G is reserved for NSR permits that have a case-by-case HAP emission limit determination under Section 112(g) of the FCAA which is not applicable for this permit. **I just wanted to sanity check that even though the site has major source considerations under 40 CFR Part 63, that this 112(g) section is still non applicable**

- OP-SUMR Table 1, GRP-ENGINES1, GRP-ENGINES2, and GRPSTARICE should not be listed on Table 1 of the form. The group names should only be listed on Table 2 and since there were no requested changes to these groups (as far as adding new units or removing units from these existing groups), they should be left off the OP-SUMR form. **By this logic we should also remove the emergency RICE from Table 1 since it was in the previous Title V permit, correct?**
- **I wanted to sanity check that when we correct the forms and comment on the permit that all you need us to do is submit via email the commented permit and the revised forms, not resubmit everything associated with the application, is that correct?**

**Thanks,**

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza
**Sent:** Monday, May 12, 2025 11:44 AM
**To:** Thomas Warnack
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I have revised the working draft permit based on the revised application forms. I have attached the revised working draft permit for review. Please submit any comments by **May 26, 2025**.

The only comments I have on the revised forms are:

- OP-REQ1 page 87, NSR Permit 140752 should be listed in Section H instead of Section G. Section G is reserved for NSR permits that have a case-by-case HAP emission limit determination under Section 112(g) of the FCAA which is not applicable for this permit.
- OP-SUMR Table 1, GRP-ENGINES1, GRP-ENGINES2, and GRPSTARICE should not be listed on Table 1 of the form. The group names should only be listed on Table 2 and since there were no requested changes to these groups (as far as adding new units or removing units from these existing groups), they should be left off the OP-SUMR form.

If you have any questions, please contact me.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Friday, April 4, 2025 11:10 AM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

Thanks for discussing this project with me this morning. As discussed, attached are the revised forms. There were a few changes that were beyond what the TCEQ identified when we realized a few things (like a model year) were off. This has been corrected. Please review and let us know if these forms are acceptable.

If these revised forms are accepted, my understanding is that you will then reissue a draft permit for the team's review which will have a revised due date for us to respond with comments/redlines. Please let me know if my understanding is correct.

Thanks again!

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Sent:** Thursday, April 3, 2025 1:11 PM
**To:** Thomas Warnack <twarnack@intera.com>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Thomas,

I will give you a call tomorrow at 9:00.

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, April 3, 2025 1:11 PM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

Would you be able to give me a call tomorrow morning? Thanks!

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza
**Sent:** Thursday, April 3, 2025 1:03 PM
**To:** Thomas Warnack
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I can give you a call either today after 4 pm or at 9 tomorrow morning. If I recall, the confusing part of the application was the use of the individual unit IDs on the unit attribute forms. If emission units have been added to an emission unit group ID on the OP-SUM, then the Group ID should be used in lieu of the individual unit IDs on the UA forms. Grouping emission units is optional and is used to streamline the requirements for a collection of emission units that have identical attributes. If any of the units have differing unit attributes, then the units cannot be grouped. This is why I sent the existing unit attributes that we currently have on record for comparison. If the intent was to add GENSET12 to GRPSTARICE, then this should have just been identified on the OP-SUMR, and you did not to resubmit the unit attribute forms if there were no changes to the previously submitted unit attributes for GRPSTARICE. Since you submitted the individual unit IDs, I had to compare them for every emission unit that was in the group which is where I saw a discrepancy.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section

ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, April 3, 2025 12:34 PM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

I left you a couple of voicemails and figured I'd reach out via email. We are still going over the draft permit and adding comments/questions. I think that we are in agreement on most comments on the forms and we are addressing those; the main issue that we are seeing based on the initial feedback is the inability to consolidate GENSET12 within the same group of GENSETs9-11 (GRPSTARICE) and I wanted to touch base with you on that. I believe that we know the revisions to make to the applicable forms with our resubmittal to address this to allow GENSET12 to be consolidated with that group, but I wanted to be sure. I also anticipate that we may have comments on the draft permit that will require further edits to the forms. I just wanted to touch base with you to make sure that we were taking the correct steps in the right order to address the required revisions for this project. Let me know if you can give me a call back to discuss.

Thanks,

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza
**Sent:** Monday, March 24, 2025 12:11 PM
**To:** Thomas Warnack
**Subject:** Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I have completed my review of the renewal application submitted for the Power Generating Facility Plant 1. I have drafted a working draft permit based on the renewal application. There are a few items that I need to be resolved in the permit application:

- OP-REQ1 pg. 55 – Question VIII.R.1 relating to shipbuilding or ship repair operations was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 55 – Question VIII.U.1 relating to Subpart PP containers was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 64 – Question VIII.W.54 relating to cyanide chemicals was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 64 – Question VIII.X.1. relating to Subpart JJJ thermoplastic product process units was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 88 – PBR 106.472 should be added as an authorization as this PBR was listed on the PBR Supplemental Tables on form OP-PBRSUP.
- OP-PBRSUP Table D – Table D is missing the monitoring and/or recordkeeping requirements that are used to comply with the PBRs for emission units T-1, T-2, and T-3 as listed on Table B. Emission units GENSET7, GENSET8, and GENSET13 must also be added to Table D. Table D is required to be submitted for all emission units authorized by PBRs that are listed on Table A (registered PBRs) or Table B (claimed PBRs). Please resubmit Table D to add the additional emission units and the associated monitoring/recordkeeping requirements that are used to demonstrate compliance with the specific PBRs and the general emission limits of 30 TAC 106.4.
- I could not add emission unit GENSET12 to existing emission unit group GRPSTARICE as it has different unit attributes. The permit has this unit listed separately. I have attached the unit attributes currently in our database for comparison. Also, the Group names should have been listed on the OP-UA forms instead of the individual unit names. Please see attached OP-SUM and OP-UA2 from our permit database for comparison.
- OP-UA2, page 8 – The Commencing attribute of CON is inconsistent with the manufacture date of R0707+ on page 9 of the OP-UA2 which is only used for the MOD (modification) or RECON (reconstructed ) attributes as stated on the OP-UA2 form instructions. I used the MOD attribute to be consistent with the R0707+ manufacture date attribute. If this is incorrect, please update the OP-UA2 page 8 and 9 as appropriate.
- OP-UA2, page 12 – The E560-2237 Kilowatt attributes for GRP-ENGINES2 (GENSET7, GENSET8) cannot be used for emergency engines manufactured prior to model year

2007 based on the form instructions. I chose 130-2237 for the Kilowatt rating. If this is incorrect, please resubmit the OP-UA2, page 12 attributes as appropriate.

- OP-UA2, page 12 – The MANU YES Compliance Option for GENSET13 is not valid for the combination of attributes provided. I used PURCH for a certified engine. If this is incorrect, please submit the OP-UA2, page 12 attributes as appropriate.

Please submit comments on the draft permit and application updates to address the application deficiencies noted above by **April 11, 2025**. I will ask you to certify the application updates later after I review them in case additional corrections are needed. If you have any questions on the above items or on the working draft permit, please contact me.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Blaine Larsen Farms, Inc.

AUTHORIZING THE OPERATION OF
Power Generating Facility Plant 1
Larsen Farms Power Generating Facility Plant No. 1
Fossil Fuel Electric Power Generation

LOCATED AT
Hartley County, Texas
Latitude 35° 55′ 59″ Longitude 102° 53′ 38″
Regulated Entity Number: RN109220137

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O3896 Issuance Date: _____

_____
For the Commission

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**General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

**Special Terms and Conditions:**

**Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:

    A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

    B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

    C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

    D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ, as identified in the attached Applicable Requirements Summary table, are subject to 30 TAC Chapter 113, Subchapter C, §113.1090, which incorporates the 40 CFR Part 63 Subpart by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

B. Title 30 TAC § 101.3 (relating to Circumvention)

C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

H. Title 30 TAC § 101.221 (relating to Operational Requirements)

I. Title 30 TAC § 101.222 (relating to Demonstrations)

J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

(i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(1)(E)

(iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

(iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive

ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity

requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

(c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to

condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's

eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height ($h_e$) less than the standard effective stack height ($H_e$), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

6. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

**New Source Review Authorization Requirements**

7. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated April 1, 2025 in the application for project 36952), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

A. Are incorporated by reference into this permit as applicable requirements

B. Shall be located with this operating permit

C. Are not eligible for a permit shield

8. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

9. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance

tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

10. The permit holder shall comply with the following requirements for Air Quality Standard Permits:

    A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit

    B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit

    C. Requirements of the Electric Generating Unit Standard Permit for facilities located in the West Texas region based on the information contained in the registration application.

**Compliance Requirements**

11. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

12. Use of Discrete Emission Credits to comply with the applicable requirements:

    A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

        (i) Title 30 TAC Chapter 115

        (ii) Title 30 TAC Chapter 117

        (iii) If applicable, offsets for Title 30 TAC Chapter 116

        (iv) Temporarily exceed state NSR permit allowables

    B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

        (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

        (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

        (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

        (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

**Permit Location**

13. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

**Permit Shield (30 TAC § 122.148)**

14. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## Attachments

**Applicable Requirements Summary**

**Permit Shield**

**New Source Review Authorization References**

## Applicable Requirements Summary

**Unit Summary** ..... **12**

**Applicable Requirements Summary** ..... **13**

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

**Unit Summary**

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GENSET13 | SRIC Engines | N/A | 60IIII-1 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| GENSET13 | SRIC Engines | N/A | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRP-ENGINES1 | SRIC Engines | GENSET1, GENSET2, GENSET3, GENSET4, GENSET5, GENSET6 | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GRP-ENGINES1 | SRIC Engines | GENSET1, GENSET2, GENSET3, GENSET4, GENSET5, GENSET6 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRP-ENGINES2 | SRIC Engines | GENSET7, GENSET8 | 60IIII-1 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| GRP-ENGINES2 | SRIC Engines | GENSET7, GENSET8 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRPSTARICE | SRIC Engines | GENSET10, GENSET11, GENSET12, GENSET9 | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GRPSTARICE | SRIC Engines | GENSET10, GENSET11, GENSET12, GENSET9 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 60IIII-1 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |
| GENSET13 | EU | 60IIII-1 | NMHC and $NO_X$ | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 60IIII-1 | PM | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |
| GENSET13 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(c) | Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part. | None | None | None |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |
| GRP-ENGINES1 | EU | 60JJJJ-1 | $NO_X$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |
| GRP-ENGINES1 | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6630(b)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d)<br>[G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4)<br>[G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | EU | 60IIII-1 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a CO emission limit of 11.4 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GRP-ENGINES2 | EU | 60IIII-1 | Hydrocarbons | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with an HC emission limit of 1.3 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | EU | 60IIII-1 | $NO_X$ | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NOx emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GRP-ENGINES2 | EU | 60IIII-1 | PM | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a PM emission limit of 0.54 g/KW-hr, as listed in Table 1 to this subpart. | None | None | None |
| GRP-ENGINES2 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(b)(1)<br>§ 63.6595(c)<br>§ 63.6640(f)(1)<br>§ 63.6640(f)(2)<br>§ 63.6640(f)(2)(i)<br>§ 63.6640(f)(3) | An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f). | None | None | § 63.6645(f) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(e) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GRPSTARICE | EU | 60JJJJ-1 | $NO_X$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(d) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GRPSTARICE | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(f)<br>§ 60.4244(g) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6630(b)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>~~§ 63.6610(b)~~<br>~~§ 63.6610(c)~~<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d)<br>[G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4)<br>[G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |

## Permit Shield

**Permit Shield ..... 22**

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit / Group / Process ID No. | Group / Inclusive Units | Regulation | Basis of Determination |
|---|---|---|---|
| GRP-TANKS | T-1, T-2 | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |
| T-3 | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |

## New Source Review Authorization References

**New Source Review Authorization References ..... 24**

**New Source Review Authorization References by Emission Unit ..... 25**

## New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| **Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.** | |
|---|---|
| Authorization No.: 140752 | Issuance Date: 01/31/2024 |
| **Permits By Rule (30 TAC Chapter 106) for the Application Area** | |
| Number: 106.473 | Version No./Date: 09/04/2000 |
| Number: 106.511 | Version No./Date: 09/04/2000 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization** |
|---|---|---|
| GENSET1 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET10 | Cat-2, 1.5 MW RICE | 140752 |
| GENSET11 | Cat-3, 1.5 MW RICE | 140752 |
| GENSET12 | Cat-4, 1.5 MW RICE | 140752 |
| GENSET13 | Caterpillar 106DE66TAG4 CI ICE - 150 KW | 106.511/09/04/2000 |
| GENSET2 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET3 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET4 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET5 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET6 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET7 | Caterpillar XQ2000 CI ICE - 1825 KW | 106.511/09/04/2000 |
| GENSET8 | Caterpillar XQ2000 CI ICE - 1825 KW | 106.511/09/04/2000 |
| GENSET9 | Cat-1, 1.5 MW RICE | 140752 |
| T-1 | Diesel Storage Tank | 106.473/09/04/2000 |
| T-2 | Diesel Storage Tank | 106.473/09/04/2000 |
| T-3 | Lube Oil Storage Tank | 106.473/09/04/2000 |

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

## Appendix A

**Acronym List ..... 27**

## Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
CEMS ..... continuous emissions monitoring system
CFR ..... Code of Federal Regulations
COMS ..... continuous opacity monitoring system
CVS ..... closed vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
$H_2S$ ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MACT ..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr ..... Million British thermal units per hour
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NESHAP ..... National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
$NO_x$ ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PEMS ..... predictive emissions monitoring system
PM ..... particulate matter
ppmv ..... parts per million by volume
PRO ..... process unit
PSD ..... prevention of significant deterioration
psia ..... pounds per square inch absolute
SIP ..... state implementation plan
$SO_2$ ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound

| | |
|---|---|
| **From:** | Alfredo Mendoza |
| **Sent:** | Tuesday, July 22, 2025 3:38 PM |
| **To:** | Thomas Warnack |
| **Cc:** | Lin-Syuan Yang; Alisa Heggie |
| **Subject:** | RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952 |
| **Attachments:** | Revised draft permit O3896.docx; Working draft permit O3896 7_21_2025 AM responses.docx |

Mr. Warnack,

I have completed my review of your comments on the working draft permit, and I have attached two files. One is the working draft permit with my responses to your comments and the other is the revised permit. Below is the summary of my responses:

- I removed the Special Term and Condition 7 relating to Additional Monitoring. This term was generated due to an incorrect response on page 82 of the OP-REQ1 relating to periodic monitoring. Since there were no periodic monitoriong requirements submitted on form OP-MON in the renewal application, question XI.K.2. should be answered NO. Please resubmit page 82 of the OP-REQ1 to correct the response to question XI.K.2.
- Regarding the 40 CFR Part 60, Subpart JJJJ comments for emission unit GRP-ENGINES1, recordkeeping citation 60.4243(a)(1) is applicable as citation 60.4243(b)(1) which is applicable for engines complying with the emission standard of 60.4233(e) directly references compliance with the methods specified in 60.4243(a). Recordkeeping citation 60.4245(a)(1) is not applicable as there is no notification requirement specified in 60.4245 that apply to this engine.
- Regarding the 40 CFR Part 63, Subpart ZZZZ comments for emission units GRP-ENGINES1 and GRP-STARICE, I removed monitoring/testing citations 63.6610(b) and (c) as they did not apply to the engines based on your representation that the engines were not constructed or modified between the specified dates.
- I did not change the order of the emission units in the New Source Review Authorization References by Emissions Unit table. This the order that the units are sorted in our permit database and generated via macros to create the Word Document.

If you are in agreement with the revised draft permit, please certify all application updates that have not been previously certified. This will include your updates submitted via email on May 19, 2025; April 4, 2025; September 5, 2024; and the date of the revised OP-REQ1 page to update page 82. It is preferable if you certify the updates in STEERS. Otherwise, a hard copy of the OP-CRO1 form is required to be mailed to TCEQ. Please submit the OP-CRO1 as soon as possible so I can send the public notice authorization letter out to start the public notice process.

If you have any questions, please let me know.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section

ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Monday, May 19, 2025 7:46 AM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

We have attached the revised forms. Also, we inserted comments on the draft permit as we believe that some of the requirements listed in the applicable requirements summary table in the permit are not applicable to these units. Please let me know if these suggested edits on the permit warrant further changes on forms or if more clarification is needed.

Thanks,

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Sent:** Thursday, May 15, 2025 3:24 PM
**To:** Thomas Warnack <twarnack@intera.com>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>

**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

In response to your questions:

- 112(g) is for a case-by-case MACT determination when there is no federal regulation promulgated for the specific source category under 40 CFR Part 63 also known as the MACT hammer. It is my understanding that if this was the case, the NSR permit section would have issued a specific HAP permit number (such as HAP10 for example) along with the state permit. I believe that would only apply for case-by-case NSR permits issued under 30 TAC Chapter 116, Subchapter B. Since permit 140752 is a EGU Standard Permit Registration, the MACT case-by-case review under FCAA §112(g) is not applicable.
- You can remove the emergency RICE from Table 1 of the OP-SUMR if there are no changes being made to the unit ID, unit ID name decription, or NSR authorizations.
- You are only required to revise the application form pages that are being updated and not the entire application. After we agree on the draft permit, I will ask that the form updates be certified. It is preferable that the form updates are submitted via STEERS, otherwise you will be required to submit a hard copy of the OP-CRO1 to certify the updates. But I will ask for the certification after I review the updates that you submit via email in case any further updates are required. The complete permit application and any revised pages will be required to be made available at the public library during public notice. All application updates are also required to be submitted to EPA Region 6 and TCEQ Regional office.

Please let me know if you have any further questions.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Wednesday, May 14, 2025 11:00 AM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>

**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

Thanks for providing these comments! We are working through reviewing the permit and will have redlines/comments soon. I tried giving you a call and left a voicemail but figured I would follow up with an email:

- OP-REQ1 page 87, NSR Permit 140752 should be listed in Section H instead of Section G. Section G is reserved for NSR permits that have a case-by-case HAP emission limit determination under Section 112(g) of the FCAA which is not applicable for this permit. **I just wanted to sanity check that even though the site has major source considerations under 40 CFR Part 63, that this 112(g) section is still non applicable**
- OP-SUMR Table 1, GRP-ENGINES1, GRP-ENGINES2, and GRPSTARICE should not be listed on Table 1 of the form. The group names should only be listed on Table 2 and since there were no requested changes to these groups (as far as adding new units or removing units from these existing groups), they should be left off the OP-SUMR form. **By this logic we should also remove the emergency RICE from Table 1 since it was in the previous Title V permit, correct?**
- **I wanted to sanity check that when we correct the forms and comment on the permit that all you need us to do is submit via email the commented permit and the revised forms, not resubmit everything associated with the application, is that correct?**

**Thanks,**

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza
**Sent:** Monday, May 12, 2025 11:44 AM
**To:** Thomas Warnack
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I have revised the working draft permit based on the revised application forms. I have attached the revised working draft permit for review. Please submit any comments by **May 26, 2025**.

The only comments I have on the revised forms are:

- OP-REQ1 page 87, NSR Permit 140752 should be listed in Section H instead of Section G. Section G is reserved for NSR permits that have a case-by-case HAP emission limit determination under Section 112(g) of the FCAA which is not applicable for this permit.
- OP-SUMR Table 1, GRP-ENGINES1, GRP-ENGINES2, and GRPSTARICE should not be listed on Table 1 of the form. The group names should only be listed on Table 2 and since there were no requested changes to these groups (as far as adding new units or removing units from these existing groups), they should be left off the OP-SUMR form.

If you have any questions, please contact me.

Thanks,

Alfredo Mendoza, P.E.

Technical Specialist
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Operating Permits Section
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alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Friday, April 4, 2025 11:10 AM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

Thanks for discussing this project with me this morning. As discussed, attached are the revised forms. There were a few changes that were beyond what the TCEQ identified when we realized a few things (like a model year) were off. This has been corrected. Please review and let us know if these forms are acceptable.

If these revised forms are accepted, my understanding is that you will then reissue a draft permit for the team's review which will have a revised due date for us to respond with comments/redlines. Please let me know if my understanding is correct.

Thanks again!

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Sent:** Thursday, April 3, 2025 1:11 PM
**To:** Thomas Warnack <twarnack@intera.com>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Thomas,

I will give you a call tomorrow at 9:00.

Alfredo Mendoza, P.E.

Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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---

**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, April 3, 2025 1:11 PM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

Would you be able to give me a call tomorrow morning? Thanks!

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

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**From:** Alfredo Mendoza
**Sent:** Thursday, April 3, 2025 1:03 PM
**To:** Thomas Warnack
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I can give you a call either today after 4 pm or at 9 tomorrow morning. If I recall, the confusing part of the application was the use of the individual unit IDs on the unit attribute forms. If emission units have been added to an emission unit group ID on the OP-SUM, then the Group ID should be used in lieu of the individual unit IDs on the UA forms. Grouping emission units is optional and is used to streamline the requirements for a collection of emission units that have identical attributes. If any of the units have differing unit attributes, then the units cannot be grouped. This is why I sent the existing unit attributes that we currently have on record for comparison. If the intent was to add GENSET12 to GRPSTARICE, then this should have just been identified on the OP-SUMR, and you did not to resubmit the unit attribute forms if there were no changes to the previously submitted unit attributes for GRPSTARICE. Since you submitted the individual unit IDs, I had to compare them for every emission unit that was in the group which is where I saw a discrepancy.

Thanks,

Alfredo Mendoza, P.E.

Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, April 3, 2025 12:34 PM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

I left you a couple of voicemails and figured I'd reach out via email. We are still going over the draft permit and adding comments/questions. I think that we are in agreement on most comments on the forms and we are addressing those; the main issue that we are seeing based on the initial feedback is the inability to consolidate GENSET12 within the same group of GENSETs9-11 (GRPSTARICE) and I wanted to touch base with you on that. I believe that we know the revisions to make to the applicable forms with our resubmittal to address this to allow GENSET12 to be consolidated with that group, but I wanted to be sure. I also anticipate that we may have comments on the draft permit that will require further edits to the forms. I just wanted to touch base with you to make sure that we were taking the correct steps in the right order to address the required revisions for this project. Let me know if you can give me a call back to discuss.

Thanks,

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

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**From:** Alfredo Mendoza
**Sent:** Monday, March 24, 2025 12:11 PM
**To:** Thomas Warnack
**Subject:** Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I have completed my review of the renewal application submitted for the Power Generating Facility Plant 1. I have drafted a working draft permit based on the renewal application. There are a few items that I need to be resolved in the permit application:

- OP-REQ1 pg. 55 – Question VIII.R.1 relating to shipbuilding or ship repair operations was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 55 – Question VIII.U.1 relating to Subpart PP containers was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 64 – Question VIII.W.54 relating to cyanide chemicals was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 64 – Question VIII.X.1. relating to Subpart JJJ thermoplastic product process units was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 88 – PBR 106.472 should be added as an authorization as this PBR was listed on the PBR Supplemental Tables on form OP-PBRSUP.
- OP-PBRSUP Table D – Table D is missing the monitoring and/or recordkeeping requirements that are used to comply with the PBRs for emission units T-1, T-2, and T-3 as listed on Table B. Emission units GENSET7, GENSET8, and GENSET13 must also be added to Table D. Table D is required to be submitted for all emission units authorized by PBRs that are listed on Table A (registered PBRs) or Table B (claimed PBRs). Please resubmit Table D to add the additional emission units and the associated monitoring/recordkeeping requirements that are used to demonstrate compliance with the specific PBRs and the general emission limits of 30 TAC 106.4.
- I could not add emission unit GENSET12 to existing emission unit group GRPSTARICE as it has different unit attributes. The permit has this unit listed separately. I have attached the unit attributes currently in our database for comparison. Also, the Group

names should have been listed on the OP-UA forms instead of the individual unit names. Please see attached OP-SUM and OP-UA2 from our permit database for comparison.

- OP-UA2, page 8 – The Commencing attribute of CON is inconsistent with the manufacture date of R0707+ on page 9 of the OP-UA2 which is only used for the MOD (modification) or RECON (reconstructed ) attributes as stated on the OP-UA2 form instructions. I used the MOD attribute to be consistent with the R0707+ manufacture date attribute. If this is incorrect, please update the OP-UA2 page 8 and 9 as appropriate.
- OP-UA2, page 12 – The E560-2237 Kilowatt attributes for GRP-ENGINES2 (GENSET7, GENSET8) cannot be used for emergency engines manufactured prior to model year 2007 based on the form instructions. I chose 130-2237 for the Kilowatt rating. If this is incorrect, please resubmit the OP-UA2, page 12 attributes as appropriate.
- OP-UA2, page 12 – The MANU YES Compliance Option for GENSET13 is not valid for the combination of attributes provided. I used PURCH for a certified engine. If this is incorrect, please submit the OP-UA2, page 12 attributes as appropriate.

Please submit comments on the draft permit and application updates to address the application deficiencies noted above by **April 11, 2025**. I will ask you to certify the application updates later after I review them in case additional corrections are needed. If you have any questions on the above items or on the working draft permit, please contact me.

Thanks,

Alfredo Mendoza, P.E.

Technical Specialist
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Operating Permits Section
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# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Blaine Larsen Farms, Inc.

AUTHORIZING THE OPERATION OF
Power Generating Facility Plant 1
Larsen Farms Power Generating Facility Plant No. 1
Fossil Fuel Electric Power Generation

LOCATED AT
Hartley County, Texas
Latitude 35° 55′ 59″ Longitude 102° 53′ 38″
Regulated Entity Number: RN109220137

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O3896 Issuance Date: _____

_____
For the Commission

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**General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

**Special Terms and Conditions:**

**Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:

   A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

   B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

   C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

   D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ, as identified in the attached Applicable Requirements Summary table, are subject to 30 TAC Chapter 113, Subchapter C, §113.1090, which incorporates the 40 CFR Part 63 Subpart by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

B. Title 30 TAC § 101.3 (relating to Circumvention)

C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

H. Title 30 TAC § 101.221 (relating to Operational Requirements)

I. Title 30 TAC § 101.222 (relating to Demonstrations)

J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

(i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(1)(E)

(iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

(iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive

ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

  (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

  (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity

requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

(c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to

condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's

eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height ($h_e$) less than the standard effective stack height ($H_e$), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

6. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

**Additional Monitoring Requirements**

7. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

**New Source Review Authorization Requirements**

8. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated April 1, 2025 in the application for project 36952), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

A. Are incorporated by reference into this permit as applicable requirements

**Commented [TW1]:** Are we going to receive a copy of this for review?

**Commented [TW2R1]:** Is this in reference to Sections 1-6 of this permit? The applicable requirements summary?

**Commented [AM3R1]:** I will remove this term and condition. This term appeared in the draft permit due to the response to question XI.K.2 on page 82 of the OP-REQ1 that indicated that the permit currently contains at least one periodic monitoring requirement. This question is referencing periodic monitoring that was submitted on form OP-MON which was not submitted in the renewal application and has not been previously submitted. It is true that Special Terms and Conditions 3.A-C require quarterly visible emissions observations for demonstrating compliance with 30 TAC Chapter 111, however the question is for emission units that have specific periodic monitoring submitted on form OP-MON. Question XI.K.2 on the OP-REQ1 should be marked No.

B. Shall be located with this operating permit

C. Are not eligible for a permit shield

9. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

10. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

11. The permit holder shall comply with the following requirements for Air Quality Standard Permits:

A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit

B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit

C. Requirements of the Electric Generating Unit Standard Permit for facilities located in the West Texas region based on the information contained in the registration application.

**Compliance Requirements**

12. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

13. Use of Discrete Emission Credits to comply with the applicable requirements:

A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

(i) Title 30 TAC Chapter 115

(ii) Title 30 TAC Chapter 117

(iii) If applicable, offsets for Title 30 TAC Chapter 116

(iv) Temporarily exceed state NSR permit allowables

B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

(i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

(ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

(iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

**Permit Location**

14. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

**Permit Shield (30 TAC § 122.148)**

15. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## Attachments

**Applicable Requirements Summary**

**Permit Shield**

**New Source Review Authorization References**

## Applicable Requirements Summary

**Unit Summary** ..... **12**

**Applicable Requirements Summary** ..... **13**

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

**Unit Summary**

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GENSET13 | SRIC Engines | N/A | 60IIII-1 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| GENSET13 | SRIC Engines | N/A | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRP-ENGINES1 | SRIC Engines | GENSET1, GENSET2, GENSET3, GENSET4, GENSET5, GENSET6 | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GRP-ENGINES1 | SRIC Engines | GENSET1, GENSET2, GENSET3, GENSET4, GENSET5, GENSET6 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRP-ENGINES2 | SRIC Engines | GENSET7, GENSET8 | 60IIII-1 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| GRP-ENGINES2 | SRIC Engines | GENSET7, GENSET8 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRPSTARICE | SRIC Engines | GENSET10, GENSET11, GENSET12, GENSET9 | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GRPSTARICE | SRIC Engines | GENSET10, GENSET11, GENSET12, GENSET9 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 60IIII-1 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |
| GENSET13 | EU | 60IIII-1 | NMHC and $NO_x$ | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 60IIII-1 | PM | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |
| GENSET13 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(c) | Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part. | None | None | None |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |
| GRP-ENGINES1 | EU | 60JJJJ-1 | $NO_x$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |
| GRP-ENGINES1 | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |

**Commented [TW4]:** Is this applicable? These engines are subject to 60.4233(e) and this citation appears to apply to engines where 60.4233(a)-(c) are the governing citations [60.4243(a)]

**Commented [AM5R4]:** 60.4243(a)(1) is applicable. 60.4243(b)(1) which applies when complying with the emission standards in 60.4233(e) requires compliance with the methods specified in 60.4243(a) as stated in the rule text.

**Commented [TW6]:** I believe 60.4245(a)(1) is also applicable here

**Commented [AM7R6]:** There are no notification requirements for this engine specified in 60.4245 such as the initial notification for engines subject to 60.4245(c). Therefore, 60.4245(a)(1) is not applicable.

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6630(b)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>§ 63.6610(b)<br>§ 63.6610(c)<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d)<br>[G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4)<br>[G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |

**Commented [TW8]:** Not applicable - these sources (GRP-ENGINES1) were not constructed between December 19, 2002 - June 15, 2004

**Commented [AM9R8]:** I agree 63.6610(b) can be removed. This was a requirement to demonstrate initial compliance with either the proposed emission limitations or the promulgated emission limitations for engines constructed or reconstructed between 2002-2004.

**Commented [TW10]:** Not applicable - these sources (GRP-ENGINES1) were not constructed between December 19, 2002 - June 15, 2004

**Commented [AM11R10]:** I agree 63.6610(c) can be removed. This was a requirement to conduct a secondary performance test if the owner or operator chose to comply with the proposed emission limits for engines constructed or reconstructed between 2002-2004.

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | EU | 60IIII-1 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a CO emission limit of 11.4 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GRP-ENGINES2 | EU | 60IIII-1 | Hydrocarbons | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with an HC emission limit of 1.3 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | EU | 60IIII-1 | $NO_X$ | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NOx emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GRP-ENGINES2 | EU | 60IIII-1 | PM | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a PM emission limit of 0.54 g/KW-hr, as listed in Table 1 to this subpart. | None | None | None |
| GRP-ENGINES2 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(b)(1)<br>§ 63.6595(c)<br>§ 63.6640(f)(1)<br>§ 63.6640(f)(2)<br>§ 63.6640(f)(2)(i)<br>§ 63.6640(f)(3) | An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f). | None | None | § 63.6645(f) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(e) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GRPSTARICE | EU | 60JJJJ-1 | $NO_x$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(d) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GRPSTARICE | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(f)<br>§ 60.4244(g) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6630(b)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>§ 63.6610(b)<br>§ 63.6610(c)<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d)<br>[G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4)<br>[G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |

**Commented [TW12]:** Units not constructed between December 19, 2002 and June 15, 2004, thus, this is not applicable

**Commented [AM13R12]:** Agree to remove as stated above.

**Commented [TW14]:** Units not constructed between December 19, 2002 and June 15, 2004, thus, this is not applicable

**Commented [AM15R14]:** Agree to remove as stated above

## Permit Shield

**Permit Shield** ..... **22**

**Permit Shield**

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit / Group / Process ID No. | Group / Inclusive Units | Regulation | Basis of Determination |
|---|---|---|---|
| GRP-TANKS | T-1, T-2 | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |
| T-3 | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |

**New Source Review Authorization References**

**New Source Review Authorization References ..... 24**

**New Source Review Authorization References by Emission Unit ..... 25**

**New Source Review Authorization References**

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| **Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.** | |
|---|---|
| Authorization No.: 140752 | Issuance Date: 01/31/2024 |
| **Permits By Rule (30 TAC Chapter 106) for the Application Area** | |
| Number: 106.473 | Version No./Date: 09/04/2000 |
| Number: 106.511 | Version No./Date: 09/04/2000 |

**New Source Review Authorization References by Emissions Unit**

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization** |
|---|---|---|
| GENSET1 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET2 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET3 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET4 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET5 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET6 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET7 | Caterpillar XQ2000 CI ICE - 1825 KW | 106.511/09/04/2000 |
| GENSET8 | Caterpillar XQ2000 CI ICE - 1825 KW | 106.511/09/04/2000 |
| GENSET9 | Cat-1, 1.5 MW RICE | 140752 |
| GENSET10 | Cat-2, 1.5 MW RICE | 140752 |
| GENSET11 | Cat-3, 1.5 MW RICE | 140752 |
| GENSET12 | Cat-4, 1.5 MW RICE | 140752 |
| GENSET13 | Caterpillar 106DE66TAG4 CI ICE - 150 KW | 106.511/09/04/2000 |
| ~~GENSET2~~ | ~~Caterpillar CG17020 SI ICE - 4SLB 2795 HP~~ | ~~140752~~ |
| ~~GENSET3~~ | ~~Caterpillar CG17020 SI ICE - 4SLB 2795 HP~~ | ~~140752~~ |
| ~~GENSET4~~ | ~~Caterpillar CG17020 SI ICE - 4SLB 2795 HP~~ | ~~140752~~ |
| ~~GENSET5~~ | ~~Caterpillar CG17020 SI ICE - 4SLB 2795 HP~~ | ~~140752~~ |
| ~~GENSET6~~ | ~~Caterpillar CG17020 SI ICE - 4SLB 2795 HP~~ | ~~140752~~ |
| ~~GENSET7~~ | ~~Caterpillar XQ2000 CI ICE - 1825 KW~~ | ~~106.511/09/04/2000~~ |
| ~~GENSET8~~ | ~~Caterpillar XQ2000 CI ICE - 1825 KW~~ | ~~106.511/09/04/2000~~ |
| ~~GENSET9~~ | ~~Cat-1, 1.5 MW RICE~~ | ~~140752~~ |

**New Source Review Authorization References by Emissions Unit**

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization** |
|---|---|---|
| T-1 | Diesel Storage Tank | 106.473/09/04/2000 |
| T-2 | Diesel Storage Tank | 106.473/09/04/2000 |
| T-3 | Lube Oil Storage Tank | 106.473/09/04/2000 |

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

**Appendix A**

**Acronym List ..... 27**

**Acronym List**

The following abbreviations or acronyms may be used in this permit:

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
CEMS ..... continuous emissions monitoring system
CFR ..... Code of Federal Regulations
COMS ..... continuous opacity monitoring system
CVS ..... closed vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
$H_2S$ ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MACT ..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr ..... Million British thermal units per hour
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NESHAP ..... National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
$NO_x$ ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PEMS ..... predictive emissions monitoring system
PM ..... particulate matter
ppmv ..... parts per million by volume
PRO ..... process unit
PSD ..... prevention of significant deterioration
psia ..... pounds per square inch absolute
SIP ..... state implementation plan
$SO_2$ ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Blaine Larsen Farms, Inc.

AUTHORIZING THE OPERATION OF
Power Generating Facility Plant 1
Larsen Farms Power Generating Facility Plant No. 1
Fossil Fuel Electric Power Generation

LOCATED AT
Hartley County, Texas
Latitude 35° 55′ 59″ Longitude 102° 53′ 38″
Regulated Entity Number: RN109220137

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O3896 Issuance Date: _____

_____
For the Commission

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**General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

**Special Terms and Conditions:**

**Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:

    A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

    B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

    C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

    D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ, as identified in the attached Applicable Requirements Summary table, are subject to 30 TAC Chapter 113, Subchapter C, §113.1090, which incorporates the 40 CFR Part 63 Subpart by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

B. Title 30 TAC § 101.3 (relating to Circumvention)

C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

H. Title 30 TAC § 101.221 (relating to Operational Requirements)

I. Title 30 TAC § 101.222 (relating to Demonstrations)

J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

(i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(1)(E)

(iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

(iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive

ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity

requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

(c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to

condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's

eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height ($h_e$) less than the standard effective stack height ($H_e$), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

6. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

**New Source Review Authorization Requirements**

7. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated April 1, 2025 in the application for project 36952), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

A. Are incorporated by reference into this permit as applicable requirements

B. Shall be located with this operating permit

C. Are not eligible for a permit shield

8. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

9. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance

tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

10. The permit holder shall comply with the following requirements for Air Quality Standard Permits:

    A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit

    B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit

    C. Requirements of the Electric Generating Unit Standard Permit for facilities located in the West Texas region based on the information contained in the registration application.

**Compliance Requirements**

11. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

12. Use of Discrete Emission Credits to comply with the applicable requirements:

    A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

        (i) Title 30 TAC Chapter 115

        (ii) Title 30 TAC Chapter 117

        (iii) If applicable, offsets for Title 30 TAC Chapter 116

        (iv) Temporarily exceed state NSR permit allowables

    B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

        (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

        (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

        (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

        (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

**Permit Location**

13. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

**Permit Shield (30 TAC § 122.148)**

14. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## Attachments

**Applicable Requirements Summary**

**Permit Shield**

**New Source Review Authorization References**

## Applicable Requirements Summary

**Unit Summary** ..... **12**

**Applicable Requirements Summary** ..... **13**

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

**Unit Summary**

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GENSET13 | SRIC Engines | N/A | 60IIII-1 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| GENSET13 | SRIC Engines | N/A | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRP-ENGINES1 | SRIC Engines | GENSET1, GENSET2, GENSET3, GENSET4, GENSET5, GENSET6 | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GRP-ENGINES1 | SRIC Engines | GENSET1, GENSET2, GENSET3, GENSET4, GENSET5, GENSET6 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRP-ENGINES2 | SRIC Engines | GENSET7, GENSET8 | 60IIII-1 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| GRP-ENGINES2 | SRIC Engines | GENSET7, GENSET8 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRPSTARICE | SRIC Engines | GENSET10, GENSET11, GENSET12, GENSET9 | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GRPSTARICE | SRIC Engines | GENSET10, GENSET11, GENSET12, GENSET9 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 60IIII-1 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |
| GENSET13 | EU | 60IIII-1 | NMHC and $NO_X$ | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 60IIII-1 | PM | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |
| GENSET13 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(c) | Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part. | None | None | None |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |
| GRP-ENGINES1 | EU | 60JJJJ-1 | $NO_X$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |
| GRP-ENGINES1 | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6630(b)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d)<br>[G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4)<br>[G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | EU | 60IIII-1 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a CO emission limit of 11.4 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GRP-ENGINES2 | EU | 60IIII-1 | Hydrocarbons | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with an HC emission limit of 1.3 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | EU | 60IIII-1 | $NO_X$ | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NOx emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GRP-ENGINES2 | EU | 60IIII-1 | PM | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a PM emission limit of 0.54 g/KW-hr, as listed in Table 1 to this subpart. | None | None | None |
| GRP-ENGINES2 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(b)(1)<br>§ 63.6595(c)<br>§ 63.6640(f)(1)<br>§ 63.6640(f)(2)<br>§ 63.6640(f)(2)(i)<br>§ 63.6640(f)(3) | An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f). | None | None | § 63.6645(f) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(e) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GRPSTARICE | EU | 60JJJJ-1 | $NO_X$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(d) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GRPSTARICE | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(f)<br>§ 60.4244(g) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6630(b)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>§ 63.6610(b)<br>§ 63.6610(c)<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d)<br>[G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4)<br>[G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |

## Permit Shield

**Permit Shield ..... 22**

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit / Group / Process ID No. | Group / Inclusive Units | Regulation | Basis of Determination |
|---|---|---|---|
| GRP-TANKS | T-1, T-2 | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |
| T-3 | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |

## New Source Review Authorization References

**New Source Review Authorization References ..... 24**

**New Source Review Authorization References by Emission Unit ..... 25**

## New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| **Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.** | |
|---|---|
| Authorization No.: 140752 | Issuance Date: 01/31/2024 |
| **Permits By Rule (30 TAC Chapter 106) for the Application Area** | |
| Number: 106.473 | Version No./Date: 09/04/2000 |
| Number: 106.511 | Version No./Date: 09/04/2000 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization** |
|---|---|---|
| GENSET1 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET10 | Cat-2, 1.5 MW RICE | 140752 |
| GENSET11 | Cat-3, 1.5 MW RICE | 140752 |
| GENSET12 | Cat-4, 1.5 MW RICE | 140752 |
| GENSET13 | Caterpillar 106DE66TAG4 CI ICE - 150 KW | 106.511/09/04/2000 |
| GENSET2 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET3 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET4 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET5 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET6 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET7 | Caterpillar XQ2000 CI ICE - 1825 KW | 106.511/09/04/2000 |
| GENSET8 | Caterpillar XQ2000 CI ICE - 1825 KW | 106.511/09/04/2000 |
| GENSET9 | Cat-1, 1.5 MW RICE | 140752 |
| T-1 | Diesel Storage Tank | 106.473/09/04/2000 |
| T-2 | Diesel Storage Tank | 106.473/09/04/2000 |
| T-3 | Lube Oil Storage Tank | 106.473/09/04/2000 |

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

## Appendix A

**Acronym List ..... 27**

## Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
CEMS ..... continuous emissions monitoring system
CFR ..... Code of Federal Regulations
COMS ..... continuous opacity monitoring system
CVS ..... closed vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
$H_2S$ ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MACT ..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr ..... Million British thermal units per hour
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NESHAP ..... National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
$NO_x$ ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PEMS ..... predictive emissions monitoring system
PM ..... particulate matter
ppmv ..... parts per million by volume
PRO ..... process unit
PSD ..... prevention of significant deterioration
psia ..... pounds per square inch absolute
SIP ..... state implementation plan
$SO_2$ ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound

**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Monday, May 19, 2025 7:46 AM
**To:** Alfredo Mendoza
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952
**Attachments:** F250513_OP-REQ1.pdf; F250513_OP-SUMR.docx; Working draft permit O3896 5_14_2025 TFW.docx

Hey Alfredo,

We have attached the revised forms. Also, we inserted comments on the draft permit as we believe that some of the requirements listed in the applicable requirements summary table in the permit are not applicable to these units. Please let me know if these suggested edits on the permit warrant further changes on forms or if more clarification is needed.

Thanks,

INTERA

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**
512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Sent:** Thursday, May 15, 2025 3:24 PM
**To:** Thomas Warnack <twarnack@intera.com>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

In response to your questions:

- 112(g) is for a case-by-case MACT determination when there is no federal regulation promulgated for the specific source category under 40 CFR Part 63 also known as the MACT hammer. It is my understanding that if this was the case, the NSR permit section would have issued a specific HAP permit number (such as HAP10 for example) along with the state permit. I believe that would only apply for case-by-case NSR permits

issued under 30 TAC Chapter 116, Subchapter B. Since permit 140752 is a EGU Standard Permit Registration, the MACT case-by-case review under FCAA §112(g) is not applicable.
- You can remove the emergency RICE from Table 1 of the OP-SUMR if there are no changes being made to the unit ID, unit ID name decription, or NSR authorizations.
- You are only required to revise the application form pages that are being updated and not the entire application. After we agree on the draft permit, I will ask that the form updates be certified. It is preferable that the form updates are submitted via STEERS, otherwise you will be required to submit a hard copy of the OP-CRO1 to certify the updates. But I will ask for the certification after I review the updates that you submit via email in case any further updates are required. The complete permit application and any revised pages will be required to be made available at the public library during public notice. All application updates are also required to be submitted to EPA Region 6 and TCEQ Regional office.

Please let me know if you have any further questions.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Wednesday, May 14, 2025 11:00 AM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

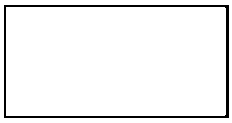
Thanks for providing these comments! We are working through reviewing the permit and will have redlines/comments soon. I tried giving you a call and left a voicemail but figured I would follow up with an email:

- OP-REQ1 page 87, NSR Permit 140752 should be listed in Section H instead of Section G. Section G is reserved for NSR permits that have a case-by-case HAP emission limit determination under Section 112(g) of the FCAA which is not

applicable for this permit. **I just wanted to sanity check that even though the site has major source considerations under 40 CFR Part 63, that this 112(g) section is still non applicable**

- OP-SUMR Table 1, GRP-ENGINES1, GRP-ENGINES2, and GRPSTARICE should not be listed on Table 1 of the form. The group names should only be listed on Table 2 and since there were no requested changes to these groups (as far as adding new units or removing units from these existing groups), they should be left off the OP-SUMR form. **By this logic we should also remove the emergency RICE from Table 1 since it was in the previous Title V permit, correct?**
- **I wanted to sanity check that when we correct the forms and comment on the permit that all you need us to do is submit via email the commented permit and the revised forms, not resubmit everything associated with the application, is that correct?**

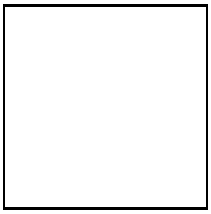
**Thanks,**



**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

☐ 512-425-2060 ☐ www.INTERA.com

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**From:** Alfredo Mendoza
**Sent:** Monday, May 12, 2025 11:44 AM
**To:** Thomas Warnack
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I have revised the working draft permit based on the revised application forms. I have attached the revised working draft permit for review. Please submit any comments by **May 26, 2025**.

The only comments I have on the revised forms are:

- OP-REQ1 page 87, NSR Permit 140752 should be listed in Section H instead of Section G. Section G is reserved for NSR permits that have a case-by-case HAP emission limit determination under Section 112(g) of the FCAA which is not applicable for this permit.
- OP-SUMR Table 1, GRP-ENGINES1, GRP-ENGINES2, and GRPSTARICE should not be listed on Table 1 of the form. The group names should only be listed on Table 2 and since there were no requested changes to these groups (as far as adding new units or removing units from these existing groups), they should be left off the OP-SUMR form.

If you have any questions, please contact me.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Friday, April 4, 2025 11:10 AM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

Thanks for discussing this project with me this morning. As discussed, attached are the revised forms. There were a few changes that were beyond what the TCEQ identified when we realized a few things (like a model year) were off. This has been corrected. Please review and let us know if these forms are acceptable.

If these revised forms are accepted, my understanding is that you will then reissue a draft permit for the team's review which will have a revised due date for us to respond with comments/redlines. Please let me know if my understanding is correct.

Thanks again!

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Sent:** Thursday, April 3, 2025 1:11 PM
**To:** Thomas Warnack <twarnack@intera.com>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Thomas,

I will give you a call tomorrow at 9:00.

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, April 3, 2025 1:11 PM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

Would you be able to give me a call tomorrow morning? Thanks!

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza
**Sent:** Thursday, April 3, 2025 1:03 PM
**To:** Thomas Warnack
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I can give you a call either today after 4 pm or at 9 tomorrow morning. If I recall, the confusing part of the application was the use of the individual unit IDs on the unit attribute forms. If emission units have been added to an emission unit group ID on the OP-SUM, then the Group ID should be used in lieu of the individual unit IDs on the UA forms. Grouping emission units is optional and is used to streamline the requirements for a collection of emission units that have identical attributes. If any of the units have differing unit attributes, then the units cannot be grouped. This is why I sent the existing unit attributes that we currently have on record for comparison. If the intent was to add GENSET12 to GRPSTARICE, then this should have just been identified on the OP-SUMR, and you did not to resubmit the unit attribute forms if there were no changes to the previously submitted unit attributes for GRPSTARICE. Since you submitted the individual unit IDs, I had to compare them for every emission unit that was in the group which is where I saw a discrepancy.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division

Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, April 3, 2025 12:34 PM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

I left you a couple of voicemails and figured I'd reach out via email. We are still going over the draft permit and adding comments/questions. I think that we are in agreement on most comments on the forms and we are addressing those; the main issue that we are seeing based on the initial feedback is the inability to consolidate GENSET12 within the same group of GENSETs9-11 (GRPSTARICE) and I wanted to touch base with you on that. I believe that we know the revisions to make to the applicable forms with our resubmittal to address this to allow GENSET12 to be consolidated with that group, but I wanted to be sure. I also anticipate that we may have comments on the draft permit that will require further edits to the forms. I just wanted to touch base with you to make sure that we were taking the correct steps in the right order to address the required revisions for this project. Let me know if you can give me a call back to discuss.

Thanks,

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza
**Sent:** Monday, March 24, 2025 12:11 PM
**To:** Thomas Warnack
**Subject:** Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I have completed my review of the renewal application submitted for the Power Generating Facility Plant 1. I have drafted a working draft permit based on the renewal application. There are a few items that I need to be resolved in the permit application:

- OP-REQ1 pg. 55 – Question VIII.R.1 relating to shipbuilding or ship repair operations was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 55 – Question VIII.U.1 relating to Subpart PP containers was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 64 – Question VIII.W.54 relating to cyanide chemicals was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 64 – Question VIII.X.1. relating to Subpart JJJ thermoplastic product process units was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 88 – PBR 106.472 should be added as an authorization as this PBR was listed on the PBR Supplemental Tables on form OP-PBRSUP.
- OP-PBRSUP Table D – Table D is missing the monitoring and/or recordkeeping requirements that are used to comply with the PBRs for emission units T-1, T-2, and T-3 as listed on Table B. Emission units GENSET7, GENSET8, and GENSET13 must also be added to Table D. Table D is required to be submitted for all emission units authorized by PBRs that are listed on Table A (registered PBRs) or Table B (claimed PBRs). Please resubmit Table D to add the additional emission units and the associated monitoring/recordkeeping requirements that are used to demonstrate compliance with the specific PBRs and the general emission limits of 30 TAC 106.4.
- I could not add emission unit GENSET12 to existing emission unit group GRPSTARICE as it has different unit attributes. The permit has this unit listed separately. I have attached the unit attributes currently in our database for comparison. Also, the Group names should have been listed on the OP-UA forms instead of the individual unit names. Please see attached OP-SUM and OP-UA2 from our permit database for comparison.
- OP-UA2, page 8 – The Commencing attribute of CON is inconsistent with the manufacture date of R0707+ on page 9 of the OP-UA2 which is only used for the MOD (modification) or RECON (reconstructed ) attributes as stated on the OP-UA2 form instructions. I used the MOD attribute to be consistent with the R0707+ manufacture date attribute. If this is incorrect, please update the OP-UA2 page 8 and 9 as appropriate.
- OP-UA2, page 12 – The E560-2237 Kilowatt attributes for GRP-ENGINES2 (GENSET7, GENSET8) cannot be used for emergency engines manufactured prior to model year

2007 based on the form instructions. I chose 130-2237 for the Kilowatt rating. If this is incorrect, please resubmit the OP-UA2, page 12 attributes as appropriate.

- OP-UA2, page 12 – The MANU YES Compliance Option for GENSET13 is not valid for the combination of attributes provided. I used PURCH for a certified engine. If this is incorrect, please submit the OP-UA2, page 12 attributes as appropriate.

Please submit comments on the draft permit and application updates to address the application deficiencies noted above by **April 11, 2025**. I will ask you to certify the application updates later after I review them in case additional corrections are needed. If you have any questions on the above items or on the working draft permit, please contact me.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Blaine Larsen Farms, Inc.

AUTHORIZING THE OPERATION OF
Power Generating Facility Plant 1
Larsen Farms Power Generating Facility Plant No. 1
Fossil Fuel Electric Power Generation

LOCATED AT
Hartley County, Texas
Latitude 35° 55′ 59″ Longitude 102° 53′ 38″
Regulated Entity Number: RN109220137

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O3896 Issuance Date: _____

_____
For the Commission

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**General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

**Special Terms and Conditions:**

**Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:

   A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

   B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

   C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

   D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ, as identified in the attached Applicable Requirements Summary table, are subject to 30 TAC Chapter 113, Subchapter C, §113.1090, which incorporates the 40 CFR Part 63 Subpart by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

B. Title 30 TAC § 101.3 (relating to Circumvention)

C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

H. Title 30 TAC § 101.221 (relating to Operational Requirements)

I. Title 30 TAC § 101.222 (relating to Demonstrations)

J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

(i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(1)(E)

(iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

(iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive

ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

  (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

  (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity

requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

(c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to

condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's

eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height ($h_e$) less than the standard effective stack height ($H_e$), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

6. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

**Additional Monitoring Requirements**

7. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

**Commented [TW1]:** Are we going to receive a copy of this for review?

**Commented [TW2R1]:** Is this in reference to Sections 1-6 of this permit? The applicable requirements summary?

**New Source Review Authorization Requirements**

8. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated April 1, 2025 in the application for project 36952), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

A. Are incorporated by reference into this permit as applicable requirements

B. Shall be located with this operating permit

C. Are not eligible for a permit shield

9. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

10. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

11. The permit holder shall comply with the following requirements for Air Quality Standard Permits:

A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit

B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit

C. Requirements of the Electric Generating Unit Standard Permit for facilities located in the West Texas region based on the information contained in the registration application.

**Compliance Requirements**

12. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

13. Use of Discrete Emission Credits to comply with the applicable requirements:

A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

(i) Title 30 TAC Chapter 115

(ii) Title 30 TAC Chapter 117

(iii) If applicable, offsets for Title 30 TAC Chapter 116

(iv) Temporarily exceed state NSR permit allowables

B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

(i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

(ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

(iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

**Permit Location**

14. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

**Permit Shield (30 TAC § 122.148)**

15. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## Attachments

**Applicable Requirements Summary**

**Permit Shield**

**New Source Review Authorization References**

## Applicable Requirements Summary

**Unit Summary** ..... **12**

**Applicable Requirements Summary** ..... **13**

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

**Unit Summary**

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GENSET13 | SRIC Engines | N/A | 60IIII-1 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| GENSET13 | SRIC Engines | N/A | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRP-ENGINES1 | SRIC Engines | GENSET1, GENSET2, GENSET3, GENSET4, GENSET5, GENSET6 | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GRP-ENGINES1 | SRIC Engines | GENSET1, GENSET2, GENSET3, GENSET4, GENSET5, GENSET6 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRP-ENGINES2 | SRIC Engines | GENSET7, GENSET8 | 60IIII-1 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| GRP-ENGINES2 | SRIC Engines | GENSET7, GENSET8 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRPSTARICE | SRIC Engines | GENSET10, GENSET11, GENSET12, GENSET9 | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GRPSTARICE | SRIC Engines | GENSET10, GENSET11, GENSET12, GENSET9 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 60IIII-1 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |
| GENSET13 | EU | 60IIII-1 | NMHC and $NO_x$ | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 60IIII-1 | PM | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |
| GENSET13 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(c) | Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part. | None | None | None |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |
| GRP-ENGINES1 | EU | 60JJJJ-1 | $NO_x$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |
| GRP-ENGINES1 | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |

**Commented [TW3]:** Is this applicable? These engines are subject to 60.4233(e) and this citation appears to apply to engines where 60.4233(a)-(c) are the governing citations [60.4243(a)]

**Commented [TW4]:** I believe 60.4245(a)(1) is also applicable here

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6630(b)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>§ 63.6610(b)<br>§ 63.6610(c)<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d)<br>[G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4)<br>[G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |

**Commented [TW5]:** Not applicable - these sources (GRP-ENGINES1) were not constructed between December 19, 2002 - June 15, 2004

**Commented [TW6]:** Not applicable - these sources (GRP-ENGINES1) were not constructed between December 19, 2002 - June 15, 2004

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | EU | 60IIII-1 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a CO emission limit of 11.4 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GRP-ENGINES2 | EU | 60IIII-1 | Hydrocarbons | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with an HC emission limit of 1.3 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | EU | 60IIII-1 | $NO_X$ | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NOx emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GRP-ENGINES2 | EU | 60IIII-1 | PM | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a PM emission limit of 0.54 g/KW-hr, as listed in Table 1 to this subpart. | None | None | None |
| GRP-ENGINES2 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(b)(1)<br>§ 63.6595(c)<br>§ 63.6640(f)(1)<br>§ 63.6640(f)(2)<br>§ 63.6640(f)(2)(i)<br>§ 63.6640(f)(3) | An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f). | None | None | § 63.6645(f) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(e) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GRPSTARICE | EU | 60JJJJ-1 | $NO_x$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(d) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GRPSTARICE | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(f)<br>§ 60.4244(g) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6630(b)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>§ 63.6610(b)<br>§ 63.6610(c)<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d)<br>[G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4)<br>[G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |

**Commented [TW7]:** Units not constructed between December 19, 2002 and June 15, 2004, thus, this is not applicable

**Commented [TW8]:** Units not constructed between December 19, 2002 and June 15, 2004, thus, this is not applicable

## Permit Shield

**Permit Shield** ..... **22**

**Permit Shield**

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit / Group / Process ID No. | Group / Inclusive Units | Regulation | Basis of Determination |
|---|---|---|---|
| GRP-TANKS | T-1, T-2 | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |
| T-3 | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |

**New Source Review Authorization References**

**New Source Review Authorization References ..... 24**

**New Source Review Authorization References by Emission Unit ..... 25**

**New Source Review Authorization References**

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| **Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.** | |
|---|---|
| Authorization No.: 140752 | Issuance Date: 01/31/2024 |
| **Permits By Rule (30 TAC Chapter 106) for the Application Area** | |
| Number: 106.473 | Version No./Date: 09/04/2000 |
| Number: 106.511 | Version No./Date: 09/04/2000 |

**New Source Review Authorization References by Emissions Unit**

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization** |
|---|---|---|
| GENSET1 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET2 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET3 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET4 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET5 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET6 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET7 | Caterpillar XQ2000 CI ICE - 1825 KW | 106.511/09/04/2000 |
| GENSET8 | Caterpillar XQ2000 CI ICE - 1825 KW | 106.511/09/04/2000 |
| GENSET9 | Cat-1, 1.5 MW RICE | 140752 |
| GENSET10 | Cat-2, 1.5 MW RICE | 140752 |
| GENSET11 | Cat-3, 1.5 MW RICE | 140752 |
| GENSET12 | Cat-4, 1.5 MW RICE | 140752 |
| GENSET13 | Caterpillar 106DE66TAG4 CI ICE - 150 KW | 106.511/09/04/2000 |
| ~~GENSET2~~ | ~~Caterpillar CG17020 SI ICE - 4SLB 2795 HP~~ | ~~140752~~ |
| ~~GENSET3~~ | ~~Caterpillar CG17020 SI ICE - 4SLB 2795 HP~~ | ~~140752~~ |
| ~~GENSET4~~ | ~~Caterpillar CG17020 SI ICE - 4SLB 2795 HP~~ | ~~140752~~ |
| ~~GENSET5~~ | ~~Caterpillar CG17020 SI ICE - 4SLB 2795 HP~~ | ~~140752~~ |
| ~~GENSET6~~ | ~~Caterpillar CG17020 SI ICE - 4SLB 2795 HP~~ | ~~140752~~ |
| ~~GENSET7~~ | ~~Caterpillar XQ2000 CI ICE - 1825 KW~~ | ~~106.511/09/04/2000~~ |
| ~~GENSET8~~ | ~~Caterpillar XQ2000 CI ICE - 1825 KW~~ | ~~106.511/09/04/2000~~ |
| ~~GENSET9~~ | ~~Cat-1, 1.5 MW RICE~~ | ~~140752~~ |

**New Source Review Authorization References by Emissions Unit**

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization** |
|---|---|---|
| T-1 | Diesel Storage Tank | 106.473/09/04/2000 |
| T-2 | Diesel Storage Tank | 106.473/09/04/2000 |
| T-3 | Lube Oil Storage Tank | 106.473/09/04/2000 |

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

**Appendix A**

**Acronym List ..... 27**

**Acronym List**

The following abbreviations or acronyms may be used in this permit:

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
CEMS ..... continuous emissions monitoring system
CFR ..... Code of Federal Regulations
COMS ..... continuous opacity monitoring system
CVS ..... closed vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
$H_2S$ ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MACT ..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr ..... Million British thermal units per hour
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NESHAP ..... National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
$NO_x$ ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PEMS ..... predictive emissions monitoring system
PM ..... particulate matter
ppmv ..... parts per million by volume
PRO ..... process unit
PSD ..... prevention of significant deterioration
psia ..... pounds per square inch absolute
SIP ..... state implementation plan
$SO_2$ ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound

**Texas Commission on Environmental Quality**
**Federal Operating Permit Program**
**Individual Unit Summary for Revisions**
**Form OP-SUMR**
**Table 1**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

**Texas Commission on Environmental Quality**
**Federal Operating Permit Program**
**Individual Unit Summary for Revisions**
**Form OP-SUMR**
**Table 2**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|---|---|---|---|---|
| 4 | GENSET12 | OP-UA2 | A | GRPSTARICE |
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**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 04/01/2025 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 1*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter** | | |
| | **A.** | **Visible Emissions** | |
| ♦ | 1. | The application area includes stationary vents constructed on or before January 31, 1972. | ☐YES ☒NO |
| ♦ | 2. | The application area includes stationary vents constructed after January 31, 1972.<br>*If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.*<br>*If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.* | ☒YES ☐NO |
| ♦ | 3. | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972. | ☐YES ☐NO |
| ♦ | 4. | All stationary vents are addressed on a unit specific basis. | ☐YES ☒NO |
| ♦ | 5. | Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area. | ☒YES ☐NO |
| ♦ | 6. | The application area includes structures subject to 30 TAC § 111.111(a)(7)(A). | ☒YES ☐NO |
| ♦ | 7. | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A). | ☒YES ☐NO |
| ♦ | 8. | Emissions from units in the application area include contributions from uncombined water. | ☐YES ☒NO |
| ♦ | 9. | The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c). | ☐YES ☐NO ☒N/A |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 04/01/2025 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | | |
|---|---|---|---|---|
| ***Form OP-REQ1: Page 2*** | | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | | |
| | **B.** | **Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots** | | |
| | 1. | Items a - d determines applicability of any of these requirements based on geographical location. | | |
| ♦ | | a. | The application area is located within the City of El Paso. | ☐YES ☒NO |
| ♦ | | b. | The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. | ☐YES ☒NO |
| ♦ | | c. | The application area is located in the portion of Harris County inside the loop formed by Beltway 8. | ☐YES ☒NO |
| ♦ | | d. | The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. | ☐YES ☒NO |
| | | *If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.* | | |
| | 2. | Items a - d determine the specific applicability of these requirements. | | |
| ♦ | | a. | The application area is subject to 30 TAC § 111.143. | ☐YES ☐NO |
| ♦ | | b. | The application area is subject to 30 TAC § 111.145. | ☐YES ☐NO |
| ♦ | | c. | The application area is subject to 30 TAC § 111.147. | ☐YES ☐NO |
| ♦ | | d. | The application area is subject to 30 TAC § 111.149. | ☐YES ☐NO |
| | **C.** | **Emissions Limits on Nonagricultural Processes** | | |
| ♦ | 1. | The application area includes a nonagricultural process subject to 30 TAC § 111.151. | | ☒YES ☐NO |
| | 2. | The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements.<br>*If the response to Question I.C.2 is "NO," go to Question I.C.4.* | | ☐YES ☒NO |
| | 3. | All vents from nonagricultural process in the application area are subject to additional monitoring requirements. | | ☐YES ☐NO |

| | |
|---|---|
| Date: | 04/01/2025 |
| Permit No.: | O-3896 |
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*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 3*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **C.** | **Emissions Limits on Nonagricultural Processes (continued)** | |
| | 4. | The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c). | ☐YES ☒NO |
| | 5. | The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.5 is "NO," go to Question I.C.7.* | ☐YES ☒NO |
| | 6. | All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | 7. | The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b). | ☐YES ☒NO |
| | 8. | The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.8 is "NO," go to Section I.D.* | ☐YES ☒NO |
| | 9. | All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | **D.** | **Emissions Limits on Agricultural Processes** | |
| | 1. | The application area includes agricultural processes subject to 30 TAC § 111.171. | ☐YES ☒NO |
| | **E.** | **Outdoor Burning** | |
| ♦ | 1. | Outdoor burning is conducted in the application area.<br>*If the response to Question I.E.1 is "NO," go to Section II.* | ☐YES ☒NO |
| ♦ | 2. | Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205. | ☐YES ☐NO |
| ♦ | 3. | Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207. | ☐YES ☐NO |
| ♦ | 4. | Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209. | ☐YES ☐NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 04/01/2025 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 4*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **E.** | **Outdoor Burning (continued)** | |
| ♦ | 5. | Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. | ☐YES ☐NO |
| ♦ | 6. | Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. | ☐YES ☐NO |
| ♦ | 7. | The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. | ☐YES ☐NO |
| **II.** | **Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds** | | |
| | **A.** | **Temporary Fuel Shortage Plan Requirements** | |
| | 1. | The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18. | ☐YES ☒NO |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10.<br>*See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.* | ☐YES ☒NO |
| | **B.** | **Storage of Volatile Organic Compounds** | |
| ♦ | 1. | The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere. | ☐YES ☐NO |

| | |
|---|---|
| Date: | 04/01/2025 |
| Permit No.: | O-3896 |
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*For SOP applications, answer ALL questions unless otherwise directed.*
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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **C.** | **Industrial Wastewater** | |
| | 1. | The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140.<br>*If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.* | ☐YES ☐NO ☐N/A |
| | 2. | The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area.<br>*If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.* | ☐YES ☐NO |
| | 3. | The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater).<br>*If the response to Question III.C.3 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 4. | The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons).<br>*If the response to Question III.C.4 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 5. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1). | ☐YES ☐NO |
| | 6. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2). | ☐YES ☐NO |
| | 7. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4). | ☐YES ☐NO |
| | **D.** | **Loading and Unloading of VOCs** | |
| ♦ | 1. | The application area includes VOC loading operations. | ☐YES ☐NO |
| ♦ | 2. | The application area includes VOC transport vessel unloading operations.<br>*For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.* | ☐YES ☐NO |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | | |
| | **D.** | **Loading and Unloading of VOCs (continued)** | | |
| ♦ | | 3. | Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area. | ☐YES ☐NO |
| | **E.** | **Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities** | | |
| ♦ | | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container.<br>*If the response to Question III.E.1 is "NO," go to Section III.F.* | ☐YES ☐NO |
| ♦ | | 2. | Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area. | ☐YES ☐NO |
| ♦ | | 3. | All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent.<br>*If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | | 4. | The application area is located in a covered attainment county as defined in 30 TAC § 115.10.<br>*If the response to Question III.E.4 is "NO," go to Question III.E.9.* | ☐YES ☐NO |
| ♦ | | 5. | Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | | 6. | Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | | 7. | At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014.<br>*If the response to Question III.E.7 is "YES," go to Section III.F.* | ☐YES ☐NO |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **E.** | **Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)** | |
| ♦ | 8. | At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004.<br>*If the response to Question III.E.8 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | 9. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | ☐YES ☐NO |
| ♦ | 10. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | ☐YES ☐NO |
| ♦ | 11. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992. | ☐YES ☐NO |
| ♦ | 12. | At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005. | ☐YES ☐NO |
| | **F.** | **Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)** | |
| ♦ | 1. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area. | ☐YES ☐NO ☐N/A |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **F.** | **Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)** | |
| ♦ | 2. | Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area. | ☐YES ☐NO ☐N/A |
| | **G.** | **Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities** | |
| ♦ | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks.<br>*If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012. | ☐YES ☐NO |
| ♦ | 3. | The application area includes facilities that began construction prior to November 15, 1992.<br>*If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.* | ☐YES ☐NO |
| ♦ | 4. | The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline. | ☐YES ☐NO |
| ♦ | 5. | The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 9*** | | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | | |
| | **H.** | **Control Of Reid Vapor Pressure (RVP) of Gasoline** | | |
| ♦ | 1. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County.<br>*If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.* | ☐YES ☐NO ☐N/A | |
| ♦ | 2. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements. | ☐YES ☐NO | |
| ♦ | 3. | The application area includes a motor vehicle fuel dispensing facility. | ☐YES ☐NO | |
| ♦ | 4. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less. | ☐YES ☐NO | |
| | **I.** | **Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries** | | |
| | 1. | The application area is located at a petroleum refinery. | ☐YES ☐NO | |
| | **J.** | **Surface Coating Processes (Complete this section for GOP applications only.)** | | |
| ♦ | 1. | Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area. | ☐YES ☐NO ☐N/A | |

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| ***Form OP-REQ1: Page 10*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **K.** | **Cutback Asphalt** | |
| | 1. | Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency.<br>*If the response to Question III.K.1 is "N/A," go to Section III.L.* | ☐YES ☐NO ☐N/A |
| | 2. | The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area. | ☐YES ☐NO ☐N/A |
| | 3. | Asphalt emulsion is used or produced within the application area. | ☐YES ☐NO |
| | 4. | The application area is using an alternate control requirement as specified in 30 TAC § 115.513.<br>*If the response to Question III.K.4 is "NO," go to Section III.L.* | ☐YES ☐NO |
| | 5. | The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1). | ☐YES ☐NO |
| | 6. | The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat. | ☐YES ☐NO |
| | 7. | The applicant using cutback asphalt is a state, municipal, or county agency. | ☐YES ☐NO |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels** | |
| ♦ | 1. | The application area includes degassing operations for stationary, marine, and/or transport vessels.<br>*If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area.<br>*If the response to Question III.L.2 is "YES," go to Section III.M.* | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 11*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)** | |
| ♦ | 3. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 4. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 5. | Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO |
| ♦ | 6. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 7. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area. | ☐YES ☐NO ☐N/A |
| | **M.** | **Petroleum Dry Cleaning Systems** | |
| | 1. | The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 12*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **N.** | **Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC)** | |
| | 1. | The application area includes one or more vent gas streams containing HRVOC. | ☐YES ☐NO ☐N/A |
| | 2. | The application area includes one or more flares that emit or have the potential to emit HRVOC.<br>*If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.* | ☐YES ☐NO ☐N/A |
| | 3. | All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times. | ☐YES ☐NO |
| | 4. | All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times.<br>*If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.* | ☐YES ☐NO |
| | 5. | The application area contains pressure relief valves that are not controlled by a flare. | ☐YES ☐NO |
| | 6. | The application area has at least one vent stream which has no potential to emit HRVOC. | ☐YES ☐NO |
| | 7. | The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H). | ☐YES ☐NO |
| | **O.** | **Cooling Tower Heat Exchange Systems (HRVOC)** | |
| | 1. | The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC. | ☐YES ☐NO ☐N/A |

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| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area.<br>*For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.*<br>*For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.*<br>*For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.*<br>*For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.* | ☐YES ☒NO |
| | 2. | The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln.<br>*If the response to Question IV.A.2 is "YES," go to Question IV.H.1.* | ☐YES ☒NO |
| | 3. | The application area includes a utility electric generator in an east or central Texas county.<br>*See instructions for a list of counties included.*<br>*If the response to Question IV.A.3 is "YES," go to Question IV.G.1.*<br>*If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.* | ☐YES ☒NO |
| | **B.** | **Utility Electric Generation in Ozone Nonattainment Areas** | |
| | 1. | The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300.<br>*If the response to Question IV.B.1 is "NO," go to Question IV.C.1.* | ☐YES ☐NO |
| | 2. | The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220. | ☐YES ☐NO |

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| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)** | | |
| | **C.** | **Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas** | |
| ♦ | 1. | The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400.<br>*For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.* | ☐YES ☐NO |
| ♦ | 2. | The application area is located at a site that was a major source of $NO_X$ before November 15, 1992. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320. | ☐YES ☐NO |
| | **D.** | **Adipic Acid Manufacturing** | |
| | 1. | The application area is located at, or part of, an adipic acid production unit. | ☐YES ☐NO ☐N/A |
| | **E.** | **Nitric Acid Manufacturing - Ozone Nonattainment Areas** | |
| | 1. | The application area is located at, or part of, a nitric acid production unit. | ☐YES ☐NO ☐N/A |
| | **F.** | **Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines** | |
| ♦ | 1. | The application area is located at a site that is a minor source of $NO_X$ in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County).<br>*For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.* | ☐YES ☐NO |
| ♦ | 2. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a). | ☐YES ☐NO |
| ♦ | 3. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b). | ☐YES ☐NO |

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| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)** | | |
| | **F.** | **Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)** | |
| ♦ | 4. | The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103. | ☐YES ☐NO |
| ♦ | 5. | The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110. | ☐YES ☐NO |
| | 6. | The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. *If the response to Question IV.F.6 is "NO," go to Section IV.G.* | ☐YES ☐NO |
| | 7. | An ACSS for carbon monoxide (CO) has been approved? | ☐YES ☐NO |
| | 8. | An ACSS for ammonia ($NH_3$) has been approved? | ☐YES ☐NO |
| | 9. | Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below. | |
| | **G.** | **Utility Electric Generation in East and Central Texas** | |
| | 1. | The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. *If the response to Question IV.G.1 is "NO," go to Question IV.H.1.* | ☐YES ☐NO |
| | 2. | The application area is complying with the System Cap in 30 TAC § 117.3020. | ☐YES ☐NO |
| | **H.** | **Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters** | |
| | 1. | The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. *If the response to question IV.H.1 is "NO," go to Section V.* | ☐YES ☒NO |
| | 2. | All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203. | ☐YES ☐NO |

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| **V.** | **Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products** | | |
| | **A.** | **Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings** | |
| | 1. | The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States. | ☐YES ☒NO |
| | 2. | The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States.<br>*If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.* | ☐YES ☒NO |
| | 3. | All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6). | ☐YES ☐NO |
| | **B.** | **Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products** | |
| | 1. | The application area manufactures consumer products for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States. | ☐YES ☒NO |
| | 3. | The application area is a distributor of consumer products whose name appears on the label of one or more of the products.<br>*If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.* | ☐YES ☒NO |
| | 4. | All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7). | ☐YES ☐NO |

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| **V.** | **Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)** | | |
| | **C.** | **Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings** | |
| | 1. | The application area manufactures or imports architectural coatings for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act.<br>*If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.* | ☐YES ☒NO |
| | 3. | All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5). | ☐YES ☐NO |
| | **D.** | **Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings** | |
| | 1. | The application area manufactures or imports aerosol coating products for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area is a distributor of aerosol coatings for resale or distribution in the United States. | ☐YES ☒NO |
| | **E.** | **Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers** | |
| | 1. | The application area manufactures or imports portable fuel containers for sale or distribution in the United States.<br>*If the response to Question V.E.1 is "NO," go to Section VI.* | ☐YES ☒NO |
| | 2. | All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c). | ☐YES ☐NO |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts.<br>*If the response to Question VI.A.1 is "NO," go to Section VII.* | ☒YES ☐NO |

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| ***Form OP-REQ1: Page 18*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **B.** | **Subpart Y - Standards of Performance for Coal Preparation and Processing Plants** | |
| | 1. | The application area is located at a coal preparation and processing plant.<br>*If the response to Question VI.B.1 is "NO," go to Section VI.C.* | ☐YES ☒NO |
| | 2. | The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd).<br>*If the response to Question VI.B.2 is "NO," go to Section VI.C.* | ☐YES ☐NO |
| | 3. | The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option.<br>*If the response to Question VI.B.3 is "YES," go to Section VI.C.* | ☐YES ☐NO |
| | 4. | The plant contains an open storage pile, as defined in § 60.251, as an affected facility.<br>*If the response to Question VI.B.4 is "NO," go to Section VI.C.* | ☐YES ☐NO |
| | 5. | The open storage pile was constructed, reconstructed or modified after May 27, 2009. | ☐YES ☐NO |
| | **C.** | **Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)** | |
| ♦ | 1. | The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired.<br>*If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005.<br>*If the response to Question VI.C.2 is "NO," go to Section VI.D.* | ☐YES ☐NO |
| ♦ | 3. | One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4). | ☐YES ☐NO |
| ♦ | 4. | The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 19*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **C.** | **Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)** | |
| ♦ | 5. | One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides. | ☐YES ☐NO |
| | **D.** | **Subpart XX - Standards of Performance for Bulk Gasoline Terminals** | |
| | 1. | The application area includes bulk gasoline terminal loading racks.<br>*If the response to Question VI.D.1 is "NO," go to Section VI.E.* | ☐YES ☐NO ☒N/A |
| | 2. | One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC. | ☐YES ☐NO |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions** | |
| ♦ | 1. | The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore).<br>*For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.* | ☐YES ☒NO |
| ♦ | 2. | The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011.<br>*For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 20*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions (continued)** | |
| ♦ | 4. | Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 5. | Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below. | |
| | **F.** | **Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants** | |
| | 1. | The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.<br>*If the response to Question VI.F.1 is "NO," go to Section VI.G.* | ☐YES ☒NO |
| | 2. | Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO. | ☐YES ☐NO |
| | **G.** | **Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems** | |
| | 1. | The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.<br>*If the response to Question VI.G.1 is "NO," go to Section VI.H.* | ☐YES ☒NO |
| | 2. | The application area includes storm water sewer systems. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 21*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **G.** | **Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)** | |
| | 3. | The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater. | ☐YES ☐NO |
| | 4. | The application area includes non-contact cooling water systems. | ☐YES ☐NO |
| | 5. | The application area includes individual drain systems.<br>*If the response to Question VI.G.5 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| | 6. | The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d). | ☐YES ☐NO |
| | 7. | The application area includes completely closed drain systems. | ☐YES ☐NO |
| | **H.** | **Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004** | |
| ♦ | 1. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.H.4 is "NO," go to Section VI.I.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 22*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **H.** | **Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)** | |
| ♦ | 5. | The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.<br>*If the response to Question VI.H.5 is "NO," go to Question VI.H.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| | **I.** | **Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001** | |
| ♦ | 1. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 23*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **I.** | **Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)** | |
| ♦ | 3. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.I.4 is "NO," go to Section VI.J.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.<br>*If the response to Question VI.I.5 is "NO," go to VI.I.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 24*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **J.** | **Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006** | |
| ♦ | 1. | The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.J.4 is "NO," go to Section VI.K.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.<br>*If the response to Question VI.J.5 is "NO," go to Question VI.J.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 25*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)** | | |
| | **J.** | **Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)** | |
| ♦ | 8. | All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 9. | The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste. | ☐YES ☐NO |
| ♦ | 10. | The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| | **K.** | **Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution** | |
| ♦ | 1. | The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO. | ☐YES ☒NO |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts.<br>*If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.* | YES ☐NO ☒N/A |
| | **B.** | **Subpart F - National Emission Standard for Vinyl Chloride** | |
| | 1. | The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride. | YES ☐NO |
| | **C.** | **Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks Emission Sources) of Benzene (Complete this section for GOP applications only)** | |
| ♦ | 1. | The application area includes equipment in benzene service. | ☐YES ☐NO ☐N/A |

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| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **D.** | **Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants** | |
| 1. | The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b).<br>*If the response to Question VII.D.1 is "NO," go to Section VII.E.* | ☐YES ☐NO |
| 2. | The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b). | ☐YES ☐NO |
| 3. | The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2. | ☐YES ☐NO |
| **E.** | **Subpart M - National Emission Standard for Asbestos** | |
| | ***Applicability*** | |
| 1. | The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155.<br>*If the response to Question VII.E.1 is "NO," go to Section VII.F.* | ☐YES ☐NO |
| | ***Roadway Construction*** | |
| 2. | The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material. | ☐YES ☐NO |
| | ***Manufacturing Commercial Asbestos*** | |
| 3. | The application area includes a manufacturing operation using commercial asbestos.<br>*If the response to Question VII.E.3 is "NO," go to Question VII.E.4.* | ☐YES ☐NO |
| a. | Visible emissions are discharged to outside air from the manufacturing operation | ☐YES ☐NO |
| b. | An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval. | ☐YES ☐NO |

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| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | | |
| **E. Subpart M - National Emission Standard for Asbestos (continued)** | | | |
| ***Manufacturing Commercial Asbestos* (continued)** | | | |
| | c. | Asbestos-containing waste material is processed into non-friable forms. | YES ☐NO |
| | d. | Asbestos-containing waste material is adequately wetted. | YES ☐NO |
| | e. | Alternative filtering equipment is being used that has received EPA approval. | YES ☐NO |
| | f. | A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles | YES ☐NO |
| | g. | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| ***Asbestos Spray Application*** | | | |
| 4. | | The application area includes operations in which asbestos-containing materials are spray applied.<br>*If the response to Question VII.E.4 is "NO," go to Question VII.E.5.* | ☐YES ☐NO |
| | a. | Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying.<br>*If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.* | ☐YES ☐NO |
| | b. | Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos. | ☐YES ☐NO |
| | c. | An alternative emission control and waste treatment method is being used that has received prior EPA approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 28*** | | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | | |
| **E. Subpart M - National Emission Standard for Asbestos (continued)** | | | |
| ***Asbestos Spray Application* (continued)** | | | |
| | d. | Asbestos-containing waste material is processed into non-friable forms. | YES ☐NO |
| | e. | Asbestos-containing waste material is adequately wetted. | YES NO |
| | f. | Alternative filtering equipment is being used that has received EPA approval. | YES ☐NO |
| | g. | A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | h. | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| ***Fabricating Commercial Asbestos*** | | | |
| 5. | | The application area includes a fabricating operation using commercial asbestos. *If the response to Question VII.E.5 is "NO," go to Question VII.E.6.* | ☐YES ☐NO |
| | a. | Visible emissions are discharged to outside air from the manufacturing operation. | ☐YES ☐NO |
| | b. | An alternative emission control and waste treatment method is being used that has received prior EPA approval. | ☐YES ☐NO |
| | c. | Asbestos-containing waste material is processed into non-friable forms. | ☐YES ☐NO |
| | d. | Asbestos-containing waste material is adequately wetted. | ☐YES ☐NO |
| | e. | Alternative filtering equipment is being used that has received EPA approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 29*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **E.** | **Subpart M - National Emission Standard for Asbestos (continued)** | |
| | ***Fabricating Commercial Asbestos* (continued)** | |
| | f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| | ***Non-sprayed Asbestos Insulation*** | |
| | 6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying. | YES ☐NO |
| | ***Asbestos Conversion*** | |
| | 7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material. | ☐YES ☐NO |
| **F.** | **Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities** | |
| | 1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process. | ☐YES ☐NO |
| **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations** | |
| | 1. The application area is located at a benzene production facility and/or bulk terminal.<br>*If the response to Question VII.G.1 is "NO," go to Section VII.H.* | ☐YES ☐NO |
| | 2. The application area includes benzene transfer operations at marine vessel loading racks. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 30*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)** | |
| 3. | The application area includes benzene transfer operations at railcar loading racks. | ☐YES ☐NO |
| 4. | The application area includes benzene transfer operations at tank-truck loading racks. | ☐YES ☐NO |
| **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations** | |
| | ***Applicability*** | |
| 1. | The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341. | ☐YES ☐NO |
| 2. | The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b).<br>*If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.* | ☐YES ☐NO |
| 3. | The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates.<br>*If the response to Question VII.H.3 is "YES," go to Section VIII.* | ☐YES ☐NO |
| 4. | The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr).<br>*If the response to Question VII.H.4 is "YES," go to Section VIII* | ☐YES ☐NO |
| 5. | The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr.<br>*If the response to Question VII.H.5 is "YES," go to Section VIII.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 31*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | | |
| ***Applicability* (continued)** | | |
| 6. | The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation. | ☐YES ☐NO |
| 7. | The application area has waste streams with flow-weighted annual average water content of 10% or greater. | ☐YES ☐NO |
| ***Waste Stream Exemptions*** | | |
| 8. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw). | ☐YES ☐NO |
| 9. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr. | ☐YES ☐NO |
| 10. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr. | ☐YES ☐NO |
| 11. | The application area transfers waste off-site for treatment by another facility. | ☐YES ☐NO |
| 12. | The application area is complying with 40 CFR § 61.342(d). | ☐YES ☐NO |
| 13. | The application area is complying with 40 CFR § 61.342(e).<br>*If the response to Question VII.H.13 is "NO," go to Question VII.H.15.* | ☐YES ☐NO |
| 14. | The application area has facility waste with a flow weighted annual average water content of less than 10%. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 32*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | | |
| ***Container Requirements*** | | |
| 15. | The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste.<br>*If the response to Question VII.H.15 is "NO," go to Question VII.H.18.* | ☐YES ☐NO |
| 16. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VII.H.16 is "YES," go to Question VII.H.18.* | ☐YES ☐NO |
| 17. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| ***Individual Drain Systems*** | | |
| 18. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste.<br>*If the response to Question VII.H.18 is "NO," go to Question VII.H.25.* | ☐YES ☐NO |
| 19. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VII.H.19 is "YES," go to Question VII.H.25.* | ☐YES ☐NO |
| 20. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VII.H.20 is "NO," go to Question VII.H.22.* | ☐YES ☐NO |
| 21. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 33*** | | | |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| | **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | |
| | | ***Individual Drain Systems* (continued)** | |
| | 22. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VII.H.22 is "NO," go to Question VII.H.25.* | YES ☐NO |
| | 23. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | YES ☐NO |
| | 24. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | YES ☐NO |
| | | ***Remediation Activities*** | |
| | 25. | Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF. | YES ☐NO |
| **VIII.** | **Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63.<br>*See instructions for 40 CFR Part 63 subparts made applicable only by reference.* | ☒YES ☐NO |
| | **B.** | **Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry** | |
| | 1. | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.B.1 is "NO," go to Section VIII.D.* | ☒YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)**

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| 2. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).<br>*If the response to Question VIII.B.2 is "NO," go to Section VIII.D.* | ☐YES ☒NO |
| 3. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | ☐YES ☐NO |
| 4. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | ☐YES ☐NO |
| 5. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does not use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.<br>*If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 35*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater** | | |
| ***Applicability*** | | |
| 1. | The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F.<br>*If the response to Question VIII.C.1 is "NO," go to Section VIII.D.* | ☐YES ☐NO |
| 2. | The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148. | ☐YES ☐NO |
| 3. | The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148.<br>*If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| 4. | The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping. | ☐YES ☐NO |
| 5. | The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere.<br>*If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| ***Vapor Collection and Closed Vent Systems*** | | |
| 6. | Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area. | ☐YES ☐NO |
| 7. | Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 36*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Reloading or Cleaning of Railcars, Tank Trucks, or Barges*** | | |
| 8. | The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank.<br>*If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.* | ☐YES ☐NO |
| 9. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater. | ☐YES ☐NO |
| 10. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system. | ☐YES ☐NO |
| ***Transfer Racks*** | | |
| 11. | The application area includes Group 1 transfer racks that load organic HAPs. | ☐YES ☐NO |
| ***Process Wastewater Streams*** | | |
| 12. | The application area includes process wastewater streams.<br>*If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 13. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF.<br>*If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.* | ☐YES ☐NO |
| 14. | The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). | ☐YES ☐NO |
| 15. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F.<br>*If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 37*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Process Wastewater Streams* (continued)** | | |
| 16. | The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii). | ☐YES ☐NO |
| 17. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272.<br>*If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.* | ☐YES ☐NO |
| 18. | The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i). | ☐YES ☐NO |
| 19. | The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii). | ☐YES ☐NO |
| 20. | The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds. | ☐YES ☐NO |
| 21. | The application area includes process wastewater streams, located at existing sources that are Group 2. | ☐YES ☐NO |
| 22. | The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds. | ☐YES ☐NO |
| 23. | The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 38*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Process Wastewater Streams* (continued)** | | |
| 24. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.* | ☐YES ☐NO |
| 25. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.* | ☐YES ☐NO |
| 26. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 27. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 28. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.* | ☐YES ☐NO |
| 29. | The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 30. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 39*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Drains*** | | |
| 31. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 33. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 34. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 35. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 36. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 40*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C.** | **Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)** | |
| | ***Drains* (continued)** | |
| 37. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 38. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| | ***Gas Streams*** | |
| 39. | The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant. | ☐YES ☐NO |
| 40. | The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5). | ☐YES ☐NO |
| **D.** | **Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks** | |
| 1. | The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations. | ☐YES ☒NO |

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| ***Form OP-REQ1: Page 41*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **E.** | **Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities** | |
| 1. | The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials.<br>*If the response to Question VIII.E.1 is "NO," go to Section VIII.F.* | ☐YES ☒NO |
| 2. | Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O.<br>*If the response to Question VIII.E.2 is "NO," go to Section VIII.F.* | ☐YES ☐NO |
| 3. | The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| 4. | The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| **F.** | **Subpart Q - National Emission Standards for Industrial Process Cooling Towers** | |
| 1. | The application area includes industrial process cooling towers.<br>*If the response to Question VIII.F.1 is "NO," go to Section VIII.G.* | ☐YES ☒NO |
| 2. | Chromium-based water treatment chemicals have been used on or after September 8, 1994. | ☐YES ☐NO |
| **G.** | **Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)** | |
| 1. | The application area includes a bulk gasoline terminal. | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station.<br>*If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.* | ☐YES ☒NO |
| 3. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station.<br>*If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 42*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)** | | |
| 4. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs.<br>*If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |
| 5. | An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station.<br>*If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 6. | The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep).<br>*If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 7. | Emissions screening factor less than 0.5 (ET or EP < 0.5).<br>*If the response to Question VIII.G.7 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 8. | Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0).<br>*If the response to Question VIII.G.8 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 9. | Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0).<br>*If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.* | ☐YES ☐NO |
| 10. | The site at which the application area is located is a major source of HAP.<br>*If the response to Question VIII.G.10 is "NO," go to Section VIII.H.* | ☐YES ☐NO |
| 11. | The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f). | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry**

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| 1. | The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2.<br>*If the response to Question VIII.H.1 is "NO," go to Section VIII.I.* | ☐YES ☒NO |
| 2. | The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3).<br>*If the response to Question VIII.H.2 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 3. | The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources.<br>*If the response to Question VIII.H.3 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 4. | The application area includes one or more kraft pulping systems that are existing sources. | ☐YES ☐NO |
| 5. | The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill. | ☐YES ☐NO |
| 6. | The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24.<br>*If the response to Question VIII.H.6 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 7. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i). | ☐YES ☐NO |
| 8. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 44*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **I.** | **Subpart T - National Emission Standards for Halogenated Solvent Cleaning** | |
| 1. | The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent. | ☐YES ☒NO |
| 2. | The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |
| 3. | The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |
| **J.** | **Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins** | |
| 1. | The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units.<br>*If the response to Question VIII.J.1 is "NO," go to Section VIII.K.* | ☐YES ☒NO |
| 2. | Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U.<br>*If the response to Question VIII.J.2 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |
| 4. | The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 45*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | | |
| 5. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.* | ☐YES ☐NO |
| 6. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.* | ☐YES ☐NO |
| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 46*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | | |
| ***Containers*** | | |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| ***Drains*** | | |
| 12. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 15. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit.<br>*If the response to Question VIII.J.15 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 16. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12).<br>*If the response to Question VIII.J.16 is "NO," go to Section VIII.K.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 47*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J.** | **Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | |
| | ***Drains* (continued)** | |
| 17. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate. | ☐YES ☐NO |
| 18. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| **K.** | **Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production** | |
| 1. | The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area.<br>*If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.* | ☐YES ☐NO ☒N/A |
| 2. | The application area includes a BLR and/or WSR research and development facility. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 48*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **L.** | **Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting** | |
| 1. | The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter.<br>*If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.* | ☐YES ☐NO ☒N/A |
| 2. | The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources. | ☐YES ☐NO |
| **M.** | **Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations** | |
| 1. | The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561. | ☐YES ☒NO |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries** | |
| | ***Applicability*** | |
| 1. | The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7).<br>*If the response to Question VIII.N.1 is "NO," go to Section VIII.O.* | ☐YES ☒NO |
| 2. | All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7).<br>*If the response to Question VIII.N.2 is "YES," go to Section VIII.O.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 49*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)** | | |
| ***Applicability* (continued)** | | |
| 3. | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.N.3 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 4. | The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC.<br>*If the response to Question VIII.N.4 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 5. | The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | ☐YES ☐NO |
| 6. | The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | ☐YES ☐NO |
| 7. | The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.<br>*If the response to Question VIII.N.7 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 8. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 50*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)** | |
| | ***Applicability* (continued)** | |
| 9. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii).<br>*If the response to Question VIII.N.9 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 10. | The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992. | ☐YES ☐NO |
| | ***Containers, Drains, and other Appurtenances*** | |
| 11. | The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| **O.** | **Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations** | |
| 1. | The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1).<br>*If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P* | ☐YES ☐NO ☒N/A |
| 2. | Materials specified in 40 CFR § 63.680(b)(2) are received at the application area. | ☐YES ☐NO |
| 3. | The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)**

| | | |
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| 4. | The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10). | ☐YES ☐NO |
| 5. | The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality." | ☐YES ☐NO |
| 6. | The predominant activity in the application area is the treatment of wastewater received from off-site. | ☐YES ☐NO |
| 7. | The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6). | ☐YES ☐NO |
| 8. | The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61. | ☐YES ☐NO |
| 9. | The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners). | ☐YES ☐NO |
| 10. | The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year.<br>*If the response to Question VIII.O.10 is "YES," go to Section VIII.P.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 52*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)** | | |
| 11. | The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater.<br>*If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.* | ☐YES ☐NO |
| 12. | VOHAP concentration is determined by direct measurement. | ☐YES ☐NO |
| 13. | VOHAP concentration is based on knowledge of the off-site material. | ☐YES ☐NO |
| 14. | The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system.<br>*If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.* | ☐YES ☐NO |
| 15. | An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight. | ☐YES ☐NO |
| 16. | An equipment component in the application area is intended to operate 300 hours or more during a 12-month period. | ☐YES ☐NO |
| 17. | The application area includes containers that manage non-exempt off-site material. | ☐YES ☐NO |
| 18. | The application area includes individual drain systems that manage non-exempt off-site materials. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 53*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| | **P.** | **Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities** | |
| | 1. | The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components.<br>*If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.* | ☐YES ☐NO ☒N/A |
| | 2. | The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7). | ☐YES ☐NO |
| | **Q.** | **Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.** | |
| ♦ | 1. | The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer. | ☐YES ☒NO |
| ♦ | 2. | The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user.<br>*For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.*<br>*For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.* | ☐YES ☒NO |
| ♦ | 3. | The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761.<br>*For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.*<br>*For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.* | ☐YES ☐NO |
| ♦ | 4. | The application area is located at a site that is a major source of HAP.<br>*If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)**

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| ♦ | 5. | The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 $ft^3$) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.<br>*For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.*<br>*For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.*<br>*For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.* | ☐YES ☐NO |
| ♦ | 6. | The application area includes a triethylene glycol (TEG) dehydration unit.<br>*For SOP applications, f the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.* | ☐YES ☐NO |
| ♦ | 7. | The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761. | ☐YES ☐NO |
| ♦ | 8. | The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP. | ☐YES ☐NO |
| ♦ | 9. | Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 55*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| **R.** | **Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)** | | |
| | 1. | The application area includes shipbuilding or ship repair operations.<br>*If the response to Question VIII.R.1 is "NO," go to Section VIII.S.* | ☐YES ☒NO |
| | 2. | Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II. | ☐YES ☐NO |
| **S.** | **Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations** | | |
| | 1. | The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations.<br>*If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.* | ☐YES ☐NO ☒N/A |
| | 2. | The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801. | ☐YES ☐NO |
| **T.** | **Subpart KK - National Emission Standards for the Printing and Publishing Industry** | | |
| | 1. | The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses. | ☐YES ☐NO ☒N/A |
| **U.** | **Subpart PP - National Emission Standards for Containers** | | |
| | 1. | The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions.<br>*If the response to Question VIII.U.1 is "NO," go to Section VIII.V.* | ☐YES ☒NO |
| | 2. | The application area includes containers using Container Level 1 controls. | ☐YES ☐NO |
| | 3. | The application area includes containers using Container Level 2 controls. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 56*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| **U.** | **Subpart PP - National Emission Standards for Containers (continued)** | | |
| | 4. | The application area includes containers using Container Level 3 controls. | ☐YES ☐NO |
| **V.** | **Subpart RR - National Emission Standards for Individual Drain Systems** | | |
| | 1. | The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions. | ☐YES ☒NO |
| **W.** | **Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards** | | |
| | 1. | The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. | ☐YES ☒NO |
| | 2. | The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.<br>*If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.* | ☐YES ☒NO |
| | 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c). | ☐YES ☐NO |
| | 4. | The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c). | ☐YES ☐NO |
| | 5. | All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr. | ☐YES ☐NO |
| | 6. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 57*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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| 15. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit.<br>*If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.* | ☐YES ☐NO |
| 16. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3).<br>*If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.* | ☐YES ☐NO |
| 17. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate. | ☐YES ☐NO |
| 18. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |

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***Form OP-REQ1: Page 59***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| 20. | The application area includes an ethylene production process unit. | ☐YES ☐NO ☒N/A |
| 21. | The application area includes waste streams generated from an ethylene production process unit.<br>*If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.* | ☐YES ☐NO ☒N/A |
| 22. | The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1).<br>*If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 23. | Waste stream(s) are transferred off-site for treatment.<br>*If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.* | ☐YES ☐NO |
| 24. | The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment.<br>*If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 60*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 25. | The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a). | ☐YES ☐NO |
| 26. | The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b).<br>*If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 27. | The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control.<br>*If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 28. | The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s).<br>*If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.* | ☐YES ☐NO |
| 29. | The application area includes containers that receive, manage, or treat a continuous butadiene waste stream. | ☐YES ☐NO |
| 30. | The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream.<br>*If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 31. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 61*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.<br>*If the response to Question VIII.W.32 is required, go to Question VIII.W.43.* | ☐YES ☐NO |
| 33. | The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream.<br>*If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.* | ☐YES ☐NO |
| 34. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.* | ☐YES ☐NO |
| 35. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 36. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream.<br>*If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 37. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 62*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 38. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.* | ☐YES ☐NO |
| 39. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 40. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 41. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |
| 42. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 43. | The application area has at least one waste stream that contains benzene.<br>*If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 44. | The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene.<br>*If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.* | ☐YES ☐NO |
| 45. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 63*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 46. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 47. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. *If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 48. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.* | ☐YES ☐NO |
| 49. | The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.* | ☐YES ☐NO |
| 50. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 51. | The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 52. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 64*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W.** | **Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | |
| 53. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 54. | The application area contains a cyanide chemicals manufacturing process.<br>*If the response to Question VIII.W.54 is "NO," go to Section VIII.X.* | ☐YES ☒NO |
| 55. | The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile. | ☐YES ☐NO |
| **X.** | **Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins** | |
| 1. | The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ.<br>*If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.* | ☐YES ☒NO |
| 2. | The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units.<br>*If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 3. | All process wastewater streams generated or managed in the application area are from sources producing polystyrene.<br>*If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |
| 4. | All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN.<br>*If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**

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| 5. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 6. | The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 7. | The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 8. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.* | ☐YES ☐NO |
| 9. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 11. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 12. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 66*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)** | | |
| | 13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| | ***Containers*** | |
| | 14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| | ***Drains*** | |
| | 15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.* | ☐YES ☐NO |
| | 16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| | 17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| | 18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit.<br>*If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 67*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)** | | |
| ***Drains* (continued)** | | |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 20. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate. | ☐YES ☐NO |
| 21. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 68*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| | **Y.** | **Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.** | |
| | 1. | The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units. | ☐YES ☒NO |
| | **Z.** | **Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.** | |
| ♦ | 1. | The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills. | ☐YES ☒NO |
| | **AA.** | **Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)** | |
| | 1. | The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1). | ☐YES ☒NO |
| | 2. | The application area is located at a plant site that is a major source as defined in FCAA § 112(a). | ☒YES ☐NO |
| | 3. | The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP.<br>*If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.* | ☐YES ☒NO |
| | 4. | The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF.<br>*If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 69*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| | 5. The application area includes process wastewater streams.<br>*If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |
| | 6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| | 7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| | 8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.* | ☐YES ☐NO |
| | 9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.* | ☐YES ☐NO |
| | 10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| | 11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| | 12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 70*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| 13. | Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h).<br>*If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.* | ☐YES ☐NO |
| 14. | The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected. | ☐YES ☐NO |
| 15. | Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite.<br>*If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.* | ☐YES ☐NO |
| 16. | The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit. | ☐YES ☐NO |
| 17. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 18. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 19. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.* | ☐YES ☐NO |
| 20. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 71*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| 21. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 23. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 24. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr. | ☐YES ☐NO |
| 25. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute. | ☐YES ☐NO |
| 26. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 72*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| **BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.** | | |
| 1. | The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions. | ☐YES ☒NO |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation** | | |
| 1. | The application area includes a facility at which a site remediation is conducted.<br>*If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.* | ☐YES ☒NO |
| 2. | The application area is located at a site that is a major source of HAP.<br>*If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.* | ☐YES ☐NO |
| 3. | All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6).<br>*If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 4. | Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.<br>*If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 5. | The site remediation will be completed within 30 consecutive calendar days. | ☐YES ☐NO |
| 6. | No site remediation will exceed 30 consecutive calendar days.<br>*If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 7. | Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | ☐YES ☐NO |
| 8. | All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.<br>*If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)** | | |
| 9. | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.<br>*If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.* | ☐YES ☐NO |
| 10. | The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b). | ☐YES ☐NO |
| 11. | The application area includes containers with a capacity greater than 0.46 $m^3$ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii). | ☐YES ☐NO |
| 12. | The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b). | ☐YES ☐NO |
| 13. | The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b). | ☐YES ☐NO |
| 14. | The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962. | ☐YES ☐NO |
| **DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities** | | |
| 1. | The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions.<br>*If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.* | ☐YES ☒NO |
| 2. | The EAF steelmaking facility is a research and development facility.<br>*If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.* | ☐YES ☐NO |
| 3. | Metallic scrap is utilized in the EAF. | ☐YES ☐NO |
| 4. | Scrap containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |
| 5. | Scrap not containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 74*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities** | | |
| 1. | The application area is located at a site that is an area source of HAPs.<br>*If the answer to Question EE.1 is "NO," go to Section VIII.FF.* | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R. | ☐YES ☐NO |
| 3. | The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB. | ☐YES ☐NO |
| 4. | The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB.<br>*If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.* | ☐YES ☐NO |
| 5. | The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a). | ☐YES ☐NO |
| 6. | The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC.<br>*If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 7. | The bulk gasoline terminal has throughput of less than 250,000 gallons per day.<br>*If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.* | ☐YES ☐NO |
| 8. | The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks. | ☐YES ☐NO |
| 9. | The bulk gasoline terminal loads gasoline into railcar cargo tanks.<br>*If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 10. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**

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| | 11. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit. | ☐YES ☐NO |

**FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities**

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| ♦ | 1. | The application area is located at a site that is an area source of hazardous air pollutants.<br>*If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.* | ☐YES ☒NO |
| ♦ | 2. | The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132.<br>*If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment. | ☐YES ☐NO |

**GG. Recently Promulgated 40 CFR Part 63 Subparts**

| | | | |
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| ♦ | 1. | The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form.<br>*If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.* | ☒YES ☐NO |
| ♦ | 2. | Provide the Subpart designation (i.e. Subpart EEE) in the space provided below. | |

Subpart ZZZZ

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| **IX.** | **Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions** | | | |
| | **A.** | **Applicability** | | |
| ♦ | 1. | The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10. | ☐YES | ☒NO |
| **X.** | **Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone** | | | |
| | **A.** | **Subpart A - Production and Consumption Controls** | | |
| ♦ | 1. | The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product. | ☐YES | ☐NO ☒N/A |
| | **B.** | **Subpart B - Servicing of Motor Vehicle Air Conditioners** | | |
| ♦ | 1. | Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area. | ☐YES | ☒NO |
| | **C.** | **Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances** | | |
| ♦ | 1. | The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C. | ☐YES | ☐NO ☒N/A |
| | **D.** | **Subpart D - Federal Procurement** | | |
| ♦ | 1. | The application area is owned/operated by a department, agency, or instrumentality of the United States. | ☐YES | ☐NO ☒N/A |
| | **E.** | **Subpart E - The Labeling of Products Using Ozone Depleting Substances** | | |
| ♦ | 1. | The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer. | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance. | ☐YES | ☐NO ☒N/A |
| ♦ | 3. | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance. | ☐YES | ☐NO ☒N/A |

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| **X.** | **Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)** | | | |
| | **F.** | **Subpart F - Recycling and Emissions Reduction** | | |
| ♦ | 1. | Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area. | ☐YES | ☒NO |
| ♦ | 2. | Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area. | ☐YES | ☐NO ☒N/A |
| ♦ | 3. | The application area manufactures appliances or refrigerant recycling and recovery equipment. | ☐YES | ☐NO ☒N/A |
| | **G.** | **Subpart G - Significant New Alternatives Policy Program** | | |
| ♦ | 1. | The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound.<br>*If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.* | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7). | ☐YES | ☐NO ☐N/A |
| | **H.** | **Subpart H -Halon Emissions Reduction** | | |
| ♦ | 1. | Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area. | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | Disposal of halons or manufacturing of halon blends is conducted in the application area. | ☐YES | ☐NO ☒N/A |
| **XI.** | **Miscellaneous** | | | |
| | **A.** | **Requirements Reference Tables (RRT) and Flowcharts** | | |
| | 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart. | ☐YES | ☒NO |

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| **XI.** | **Miscellaneous (continued)** | | | |
| | **B.** | **Forms** | | |
| ♦ | | 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form.<br>*If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.* | ☐YES ☒NO ☐N/A |
| ♦ | | 2. | Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below. | |
| | **C.** | **Emission Limitation Certifications** | | |
| ♦ | | 1. | The application area includes units for which federally enforceable emission limitations have been established by certification. | ☒YES ☐NO |
| | **D.** | **Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements** | | |
| | | 1. | The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP). | ☐YES ☒NO |
| | | 2. | The application area includes units located at the site that are subject to a site-specific requirement of the SIP. | ☐YES ☒NO |
| | | 3. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator.<br>*If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.* | ☐YES ☒NO |
| | | 4. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director.<br>*If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.* | ☐YES ☒NO |

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| **XI.** | **Miscellaneous (continued)** | | |
| | **E.** | **Title IV - Acid Rain Program** | |
| | 1. | The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program. | ☐YES ☒NO |
| | 2. | The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7. | ☐YES ☒NO |
| | 3. | The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8. | ☐YES ☒NO |
| | **F.** | **40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) $NO_X$ Ozone Season Group 2 Trading Program** | |
| | 1. | The application area includes emission units subject to the requirements of the CSAPR $NO_X$ Ozone Season Group 2 Trading Program.<br>*If the response to Question XI.F.1 is "NO," go to Question XI.F.7.* | ☐YES ☒NO |
| | 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for $NO_X$ and heat input. | ☐YES ☐NO |
| | 3. | The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for $NO_X$, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | ☐YES ☐NO |
| | 4. | The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for $NO_X$, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | ☐YES ☐NO |
| | 5. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $NO_X$ and heat input. | ☐YES ☐NO |
| | 6. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $NO_X$ and heat input. | ☐YES ☐NO |
| | 7. | The application area includes emission units that qualify for the CSAPR $NO_X$ Ozone Season Group 2 retired unit exemption. | ☐YES ☒NO |

| | |
|---|---|
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| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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|---|---|---|---|
| ***Form OP-REQ1: Page 80*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **G.** | **40 CFR Part 97, Subpart FFFFF - Texas $SO_2$ Trading Program** | |
| | 1. | The application area includes emission units complying with the requirements of the Texas $SO_2$ Trading Program.<br>*If the response to Question XI.G.1 is "NO," go to Question XI.G.6.* | ☐YES ☒NO |
| | 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for $SO_2$ and 40 CFR Part 75, Subpart H for heat input. | ☐YES ☐NO |
| | 3. | The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for $SO_2$ and heat input. | ☐YES ☐NO |
| | 4. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $SO_2$ and heat input. | ☐YES ☐NO |
| | 5. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $SO_2$ and heat input. | ☐YES ☐NO |
| | 6. | The application area includes emission units that qualify for the Texas $SO_2$ Trading Program retired unit exemption. | ☐YES ☒NO |
| | **H.** | **Permit Shield (SOP Applicants Only)** | |
| | 1. | A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit. | ☒YES ☐NO |

| | |
|---|---|
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♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | | |
|---|---|---|---|---|
| ***Form OP-REQ1: Page 81*** | | | | |
| **XI.** | **Miscellaneous (continued)** | | | |
| | **I.** | **GOP Type (Complete this section for GOP applications only)** | | |
| ♦ | 1. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties. | ☐YES | ☐NO |
| ♦ | 2. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties. | ☐YES | ☐NO |
| ♦ | 3. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties. | ☐YES | ☐NO |
| ♦ | 4. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County. | ☐YES | ☐NO |
| ♦ | 5. | The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit. | ☐YES | ☐NO |
| | **J.** | **Title 30 TAC Chapter 101, Subchapter H** | | |
| ♦ | 1. | The application area is located in a nonattainment area.<br>*If the response to Question XI.J.1 is "NO," go to question XI.J.3.* | ☐YES | ☒NO |
| ♦ | 2. | The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | ☐YES | ☐NO<br>☐N/A |
| ♦ | 3. | The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | ☐YES | ☐NO<br>☒N/A |

| | |
|---|---|
| Date: | 04/01/2025 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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|---|---|---|---|
| ***Form OP-REQ1: Page 82*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **J.** | **Title 30 TAC Chapter 101, Subchapter H (continued)** | |
| ♦ | 4. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of $NO_X$. | ☐YES ☒NO |
| ♦ | 5. | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I. | ☐YES ☒NO |
| ♦ | 6. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2. | ☐YES ☒NO |
| ♦ | 7. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program. | ☐YES ☒NO |
| | **K.** | **Periodic Monitoring** | |
| ♦ | 1. | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. | ☐YES ☒NO |
| ♦ | 2. | The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.* | ☒YES ☐NO |
| ♦ | 3. | All periodic monitoring requirements are being removed from the permit with this application. | ☐YES ☒NO |

| | |
|---|---|
| Date: | 04/01/2025 |
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| RN No.: | RN109220137 |

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|---|---|---|---|
| ***Form OP-REQ1: Page 83*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **L.** | **Compliance Assurance Monitoring** | |
| ♦ | 1. | The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source.<br>*If the response to Question XI.L.1 is "NO," go to Section XI.M.* | ☐YES ☒NO |
| ♦ | 2. | The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement.<br>*If the response to Question XI.L.2 is "NO," go to Section XI.M.* | ☐YES ☐NO |
| ♦ | 3. | The permit holder has submitted a CAM proposal on Form OP-MON in a previous application. | ☐YES ☐NO |
| ♦ | 4. | The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application.<br>*If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.* | ☐YES ☐NO |
| | 5. | The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit. | ☐YES ☐NO |
| | 6. | Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below. | |
| ♦ | 7. | At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). | ☐YES ☐NO |
| ♦ | 8. | All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).<br>*If the response to Question XI.L.8 is "YES," go to Section XI.M.* | ☐YES ☐NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
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| RN No.: | RN109220137 |

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♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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|---|---|---|---|---|
| ***Form OP-REQ1: Page 84*** | | | | |
| **XI.** | **Miscellaneous (continued)** | | | |
| | **L.** | **Compliance Assurance Monitoring (continued)** | | |
| ♦ | 9. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 10. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 11. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 12. | The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass. | ☐YES | ☐NO |
| | **M.** | **Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times** | | |
| ♦ | 1. | The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004.<br>*If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.* | ☐YES | ☐NO<br>☒N/A |
| ♦ | 2. | All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES | ☐NO |
| **XII.** | **New Source Review (NSR) Authorizations** | | | |
| | **A.** | **Waste Permits with Air Addendum** | | |
| ♦ | 1. | The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum.<br>*If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.* | ☐YES | ☒NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
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**Federal Operating Permit Program**

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| RN No.: | RN109220137 |

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| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 85*** | | | |
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits** | |
| ♦ | 1. | The application area includes at least one Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.* | ☒YES ☐NO |
| ♦ | 2. | The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617. | ☐YES ☒NO |
| ♦ | 3. | The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization. | ☐YES ☒NO |
| ♦ | 4. | The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620. | ☐YES ☒NO |
| ♦ | 5. | The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization. | ☐YES ☒NO |
| ♦ | 6. | The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621. | ☐YES ☒NO |
| ♦ | 7. | The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U. | ☐YES ☒NO |
| | 8. | The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 9. | The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 10. | The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |

**Texas Commission on Environmental Quality**
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|---|---|---|---|
| ***Form OP-REQ1: Page 86*** | | | |
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits (continued)** | |
| ♦ | 11. | The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 12. | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.12 is "NO," go to Question XII.B.15.* | ☒YES ☐NO |
| ♦ | 13. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region. | ☐YES ☒NO |
| ♦ | 14. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region. | ☒YES ☐NO |
| ♦ | 15. | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 16. | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| | **C.** | **Flexible Permits** | |
| | 1. | The application area includes at least one Flexible Permit NSR authorization. | ☐YES ☒NO |
| | **D.** | **Multiple Plant Permits** | |
| | 1. | The application area includes at least one Multi-Plant Permit NSR authorization. | ☐YES ☒NO |

| | |
|---|---|
| Date: | 04/01/2025 |
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| RN No.: | RN109220137 |

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**XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)**

**E. PSD Permits and PSD Major Pollutants**

| | | |
|---|---|---|
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |

*If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.*

**F. Nonattainment (NA) Permits and NA Major Pollutants**

| | | |
|---|---|---|
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |

*If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.*

**G. NSR Authorizations with FCAA § 112(g) Requirements**

| | | | |
|---|---|---|---|
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |

♦ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

| | | | |
|---|---|---|---|
| Authorization No.: 140752 | Issuance Date: 01/31/2024 | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |

| | |
|---|---|
| Date: | 04/01/2025 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

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♦ *For GOP applications, answer ONLY these question unless otherwise directed.*

| **Form OP-REQ1: Page 88** | |
|---|---|
| **XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)** | |
| ♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area** | |
| *A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.* | |
| PBR No.: 106.511 | Version No./Date: effective September 4, 2000 |
| PBR No.: 106.473 | Version No./Date: effective September 4, 2000 |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
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| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| ♦ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum** | |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |

**From:** Alfredo Mendoza
**Sent:** Monday, May 12, 2025 11:44 AM
**To:** Thomas Warnack
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952
**Attachments:** Working draft permit O3896 5_12_2025.docx

Mr. Warnack,

I have revised the working draft permit based on the revised application forms. I have attached the revised working draft permit for review. Please submit any comments by **May 26, 2025**.

The only comments I have on the revised forms are:

- OP-REQ1 page 87, NSR Permit 140752 should be listed in Section H instead of Section G. Section G is reserved for NSR permits that have a case-by-case HAP emission limit determination under Section 112(g) of the FCAA which is not applicable for this permit.
- OP-SUMR Table 1, GRP-ENGINES1, GRP-ENGINES2, and GRPSTARICE should not be listed on Table 1 of the form. The group names should only be listed on Table 2 and since there were no requested changes to these groups (as far as adding new units or removing units from these existing groups), they should be left off the OP-SUMR form.

If you have any questions, please contact me.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Friday, April 4, 2025 11:10 AM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

Thanks for discussing this project with me this morning. As discussed, attached are the revised forms. There were a few changes that were beyond what the TCEQ identified when we realized a few things (like a model year) were off. This has been corrected. Please review and let us know if these forms are acceptable.

If these revised forms are accepted, my understanding is that you will then reissue a draft permit for the team's review which will have a revised due date for us to respond with comments/redlines. Please let me know if my understanding is correct.

Thanks again!

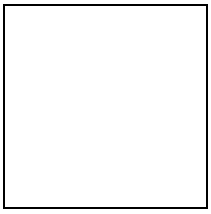



**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com



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**From:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Sent:** Thursday, April 3, 2025 1:11 PM
**To:** Thomas Warnack <twarnack@intera.com>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Thomas,

I will give you a call tomorrow at 9:00.


Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, April 3, 2025 1:11 PM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

Would you be able to give me a call tomorrow morning? Thanks!

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza
**Sent:** Thursday, April 3, 2025 1:03 PM
**To:** Thomas Warnack
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I can give you a call either today after 4 pm or at 9 tomorrow morning. If I recall, the confusing part of the application was the use of the individual unit IDs on the unit attribute forms. If emission units have been added to an emission unit group ID on the OP-SUM, then the Group ID should be used in lieu of the individual unit IDs on the UA forms. Grouping emission units is optional and is used to streamline the requirements for a collection of emission units that have identical attributes. If any of the units have differing unit attributes, then the units cannot be grouped. This is why I sent the existing unit attributes that we currently have on record for comparison. If the intent was to add GENSET12 to GRPSTARICE, then this should have just been identified on the OP-SUMR, and you did not to resubmit the unit attribute forms if there were no changes to the previously submitted unit attributes for GRPSTARICE. Since you submitted the individual unit IDs, I had to compare them for every emission unit that was in the group which is where I saw a discrepancy.

Thanks,

Alfredo Mendoza, P.E.

Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, April 3, 2025 12:34 PM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

I left you a couple of voicemails and figured I'd reach out via email. We are still going over the draft permit and adding comments/questions. I think that we are in agreement on most comments on the forms and we are addressing those; the main issue that we are seeing based on the initial feedback is the inability to consolidate GENSET12 within the same group of GENSETs9-11 (GRPSTARICE) and I wanted to touch base with you on that. I believe that we know the revisions to make to the applicable forms with our resubmittal to address this to allow GENSET12 to be consolidated with that group, but I wanted to be sure. I also anticipate that we may have comments on the draft permit that will require further edits to the forms. I just wanted to touch base with you to make sure that we were taking the correct steps in the right order to address the required revisions for this project. Let me know if you can give me a call back to discuss.

Thanks,

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza
**Sent:** Monday, March 24, 2025 12:11 PM
**To:** Thomas Warnack
**Subject:** Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I have completed my review of the renewal application submitted for the Power Generating Facility Plant 1. I have drafted a working draft permit based on the renewal application. There are a few items that I need to be resolved in the permit application:

- OP-REQ1 pg. 55 – Question VIII.R.1 relating to shipbuilding or ship repair operations was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 55 – Question VIII.U.1 relating to Subpart PP containers was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 64 – Question VIII.W.54 relating to cyanide chemicals was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 64 – Question VIII.X.1. relating to Subpart JJJ thermoplastic product process units was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 88 – PBR 106.472 should be added as an authorization as this PBR was listed on the PBR Supplemental Tables on form OP-PBRSUP.
- OP-PBRSUP Table D – Table D is missing the monitoring and/or recordkeeping requirements that are used to comply with the PBRs for emission units T-1, T-2, and T-3 as listed on Table B. Emission units GENSET7, GENSET8, and GENSET13 must also be added to Table D. Table D is required to be submitted for all emission units authorized by PBRs that are listed on Table A (registered PBRs) or Table B (claimed PBRs). Please resubmit Table D to add the additional emission units and the associated monitoring/recordkeeping requirements that are used to demonstrate compliance with the specific PBRs and the general emission limits of 30 TAC 106.4.
- I could not add emission unit GENSET12 to existing emission unit group GRPSTARICE as it has different unit attributes. The permit has this unit listed separately. I have attached the unit attributes currently in our database for comparison. Also, the Group names should have been listed on the OP-UA forms instead of the individual unit names. Please see attached OP-SUM and OP-UA2 from our permit database for comparison.
- OP-UA2, page 8 – The Commencing attribute of CON is inconsistent with the manufacture date of R0707+ on page 9 of the OP-UA2 which is only used for the MOD (modification) or RECON (reconstructed ) attributes as stated on the OP-UA2 form instructions. I used the MOD attribute to be consistent with the R0707+ manufacture date attribute. If this is incorrect, please update the OP-UA2 page 8 and 9 as appropriate.
- OP-UA2, page 12 – The E560-2237 Kilowatt attributes for GRP-ENGINES2 (GENSET7, GENSET8) cannot be used for emergency engines manufactured prior to model year 2007 based on the form instructions. I chose 130-2237 for the Kilowatt rating. If this is incorrect, please resubmit the OP-UA2, page 12 attributes as appropriate.
- OP-UA2, page 12 – The MANU YES Compliance Option for GENSET13 is not valid for the combination of attributes provided. I used PURCH for a certified engine. If this is incorrect, please submit the OP-UA2, page 12 attributes as appropriate.

Please submit comments on the draft permit and application updates to address the application deficiencies noted above by **April 11, 2025**. I will ask you to certify the application updates later after I review them in case additional corrections are needed. If you have any questions on the above items or on the working draft permit, please contact me.

Thanks,

Alfredo Mendoza, P.E.

Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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https://www.tceq.texas.gov/customersurvey

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Blaine Larsen Farms, Inc.

AUTHORIZING THE OPERATION OF
Power Generating Facility Plant 1
Larsen Farms Power Generating Facility Plant No. 1
Fossil Fuel Electric Power Generation

LOCATED AT
Hartley County, Texas
Latitude 35° 55′ 59″ Longitude 102° 53′ 38″
Regulated Entity Number: RN109220137

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O3896 Issuance Date: _____

_____
For the Commission

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**General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

**Special Terms and Conditions:**

**Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:

    A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

    B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

    C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

    D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ, as identified in the attached Applicable Requirements Summary table, are subject to 30 TAC Chapter 113, Subchapter C, §113.1090, which incorporates the 40 CFR Part 63 Subpart by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

B. Title 30 TAC § 101.3 (relating to Circumvention)

C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

H. Title 30 TAC § 101.221 (relating to Operational Requirements)

I. Title 30 TAC § 101.222 (relating to Demonstrations)

J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

(i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(1)(E)

(iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

(iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive

ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity

requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

(c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to

condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's

eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height ($h_e$) less than the standard effective stack height ($H_e$), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

6. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

**Additional Monitoring Requirements**

7. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

**New Source Review Authorization Requirements**

8. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated April 1, 2025 in the application for project 36952), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

A. Are incorporated by reference into this permit as applicable requirements

B. Shall be located with this operating permit

C. Are not eligible for a permit shield

9. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

10. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

11. The permit holder shall comply with the following requirements for Air Quality Standard Permits:

A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit

B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit

C. Requirements of the Electric Generating Unit Standard Permit for facilities located in the West Texas region based on the information contained in the registration application.

**Compliance Requirements**

12. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

13. Use of Discrete Emission Credits to comply with the applicable requirements:

A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

(i) Title 30 TAC Chapter 115

(ii) Title 30 TAC Chapter 117

(iii) If applicable, offsets for Title 30 TAC Chapter 116

(iv) Temporarily exceed state NSR permit allowables

B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

(i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

(ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

(iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

**Permit Location**

14. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

**Permit Shield (30 TAC § 122.148)**

15. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## Attachments

**Applicable Requirements Summary**

**Permit Shield**

**New Source Review Authorization References**

## Applicable Requirements Summary

**Unit Summary** ..... **12**

**Applicable Requirements Summary** ..... **13**

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

**Unit Summary**

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GENSET13 | SRIC Engines | N/A | 60IIII-1 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| GENSET13 | SRIC Engines | N/A | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRP-ENGINES1 | SRIC Engines | GENSET1, GENSET2, GENSET3, GENSET4, GENSET5, GENSET6 | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GRP-ENGINES1 | SRIC Engines | GENSET1, GENSET2, GENSET3, GENSET4, GENSET5, GENSET6 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRP-ENGINES2 | SRIC Engines | GENSET7, GENSET8 | 60IIII-1 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| GRP-ENGINES2 | SRIC Engines | GENSET7, GENSET8 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRPSTARICE | SRIC Engines | GENSET10, GENSET11, GENSET12, GENSET9 | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GRPSTARICE | SRIC Engines | GENSET10, GENSET11, GENSET12, GENSET9 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 60IIII-1 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |
| GENSET13 | EU | 60IIII-1 | NMHC and $NO_X$ | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 60IIII-1 | PM | 40 CFR Part 60, Subpart IIII | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None | None | [G]§ 60.4214(d) |
| GENSET13 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(c) | Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part. | None | None | None |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |
| GRP-ENGINES1 | EU | 60JJJJ-1 | $NO_X$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |
| GRP-ENGINES1 | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(1)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(e) | § 60.4243(a)(1)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6630(b)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>§ 63.6610(b)<br>§ 63.6610(c)<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d)<br>[G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4)<br>[G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | EU | 60IIII-1 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a CO emission limit of 11.4 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GRP-ENGINES2 | EU | 60IIII-1 | Hydrocarbons | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with an HC emission limit of 1.3 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | EU | 60IIII-1 | $NO_X$ | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NOx emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GRP-ENGINES2 | EU | 60IIII-1 | PM | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a PM emission limit of 0.54 g/KW-hr, as listed in Table 1 to this subpart. | None | None | None |
| GRP-ENGINES2 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(b)(1)<br>§ 63.6595(c)<br>§ 63.6640(f)(1)<br>§ 63.6640(f)(2)<br>§ 63.6640(f)(2)(i)<br>§ 63.6640(f)(3) | An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f). | None | None | § 63.6645(f) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(e) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GRPSTARICE | EU | 60JJJJ-1 | $NO_X$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(d) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GRPSTARICE | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(f)<br>§ 60.4244(g) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6630(b)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>§ 63.6610(b)<br>§ 63.6610(c)<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d)<br>[G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4)<br>[G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |

## Permit Shield

**Permit Shield ..... 22**

## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit / Group / Process ID No. | Group / Inclusive Units | Regulation | Basis of Determination |
|---|---|---|---|
| GRP-TANKS | T-1, T-2 | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |
| T-3 | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |

## New Source Review Authorization References

**New Source Review Authorization References ..... 24**

**New Source Review Authorization References by Emission Unit ..... 25**

## New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| **Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.** | |
|---|---|
| Authorization No.: 140752 | Issuance Date: 01/31/2024 |
| **Permits By Rule (30 TAC Chapter 106) for the Application Area** | |
| Number: 106.473 | Version No./Date: 09/04/2000 |
| Number: 106.511 | Version No./Date: 09/04/2000 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization** |
|---|---|---|
| GENSET1 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET10 | Cat-2, 1.5 MW RICE | 140752 |
| GENSET11 | Cat-3, 1.5 MW RICE | 140752 |
| GENSET12 | Cat-4, 1.5 MW RICE | 140752 |
| GENSET13 | Caterpillar 106DE66TAG4 CI ICE - 150 KW | 106.511/09/04/2000 |
| GENSET2 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET3 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET4 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET5 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET6 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET7 | Caterpillar XQ2000 CI ICE - 1825 KW | 106.511/09/04/2000 |
| GENSET8 | Caterpillar XQ2000 CI ICE - 1825 KW | 106.511/09/04/2000 |
| GENSET9 | Cat-1, 1.5 MW RICE | 140752 |
| T-1 | Diesel Storage Tank | 106.473/09/04/2000 |
| T-2 | Diesel Storage Tank | 106.473/09/04/2000 |
| T-3 | Lube Oil Storage Tank | 106.473/09/04/2000 |

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

## Appendix A

**Acronym List ..... 27**

## Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
CEMS ..... continuous emissions monitoring system
CFR ..... Code of Federal Regulations
COMS ..... continuous opacity monitoring system
CVS ..... closed vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
$H_2S$ ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MACT ..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr ..... Million British thermal units per hour
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NESHAP ..... National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
$NO_x$ ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PEMS ..... predictive emissions monitoring system
PM ..... particulate matter
ppmv ..... parts per million by volume
PRO ..... process unit
PSD ..... prevention of significant deterioration
psia ..... pounds per square inch absolute
SIP ..... state implementation plan
$SO_2$ ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound

**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Friday, April 4, 2025 11:10 AM
**To:** Alfredo Mendoza
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952
**Attachments:** F250401_OP-PBRSUP.pdf; F250401_OP-REQ1.pdf; F250404_OP-SUMR.docx; F250404_OP-UA2.docx

Hey Alfredo,

Thanks for discussing this project with me this morning. As discussed, attached are the revised forms. There were a few changes that were beyond what the TCEQ identified when we realized a few things (like a model year) were off. This has been corrected. Please review and let us know if these forms are acceptable.

If these revised forms are accepted, my understanding is that you will then reissue a draft permit for the team's review which will have a revised due date for us to respond with comments/redlines. Please let me know if my understanding is correct.

Thanks again!

INTERA

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Sent:** Thursday, April 3, 2025 1:11 PM
**To:** Thomas Warnack <twarnack@intera.com>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Thomas,

I will give you a call tomorrow at 9:00.

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

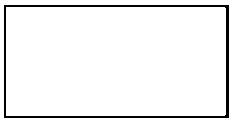
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https://www.tceq.texas.gov/customersurvey

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, April 3, 2025 1:11 PM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

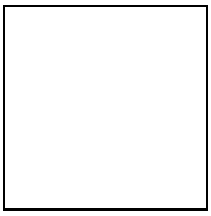
Would you be able to give me a call tomorrow morning? Thanks!



**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza
**Sent:** Thursday, April 3, 2025 1:03 PM
**To:** Thomas Warnack
**Cc:** Lin-Syuan Yang; Alisa Heggie

**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I can give you a call either today after 4 pm or at 9 tomorrow morning. If I recall, the confusing part of the application was the use of the individual unit IDs on the unit attribute forms. If emission units have been added to an emission unit group ID on the OP-SUM, then the Group ID should be used in lieu of the individual unit IDs on the UA forms. Grouping emission units is optional and is used to streamline the requirements for a collection of emission units that have identical attributes. If any of the units have differing unit attributes, then the units cannot be grouped. This is why I sent the existing unit attributes that we currently have on record for comparison. If the intent was to add GENSET12 to GRPSTARICE, then this should have just been identified on the OP-SUMR, and you did not to resubmit the unit attribute forms if there were no changes to the previously submitted unit attributes for GRPSTARICE. Since you submitted the individual unit IDs, I had to compare them for every emission unit that was in the group which is where I saw a discrepancy.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, April 3, 2025 12:34 PM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

I left you a couple of voicemails and figured I'd reach out via email. We are still going over the draft permit and adding comments/questions. I think that we are in agreement on most comments on the forms and we are addressing those; the main issue that we are seeing based on the initial feedback is the inability to consolidate GENSET12 within the same group of GENSETs9-11 (GRPSTARICE) and I wanted to touch base with you on that. I believe that we know the revisions to make to the applicable forms with our resubmittal to address this to allow GENSET12 to be consolidated with that group, but I wanted to be

sure. I also anticipate that we may have comments on the draft permit that will require further edits to the forms. I just wanted to touch base with you to make sure that we were taking the correct steps in the right order to address the required revisions for this project. Let me know if you can give me a call back to discuss.

Thanks,

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**From:** Alfredo Mendoza
**Sent:** Monday, March 24, 2025 12:11 PM
**To:** Thomas Warnack
**Subject:** Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I have completed my review of the renewal application submitted for the Power Generating Facility Plant 1. I have drafted a working draft permit based on the renewal application. There are a few items that I need to be resolved in the permit application:

- OP-REQ1 pg. 55 – Question VIII.R.1 relating to shipbuilding or ship repair operations was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 55 – Question VIII.U.1 relating to Subpart PP containers was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 64 – Question VIII.W.54 relating to cyanide chemicals was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 64 – Question VIII.X.1. relating to Subpart JJJ thermoplastic product process units was marked both Yes and No. This should only be marked No.
- OP-REQ1 pg. 88 – PBR 106.472 should be added as an authorization as this PBR was listed on the PBR Supplemental Tables on form OP-PBRSUP.

- OP-PBRSUP Table D – Table D is missing the monitoring and/or recordkeeping requirements that are used to comply with the PBRs for emission units T-1, T-2, and T-3 as listed on Table B. Emission units GENSET7, GENSET8, and GENSET13 must also be added to Table D. Table D is required to be submitted for all emission units authorized by PBRs that are listed on Table A (registered PBRs) or Table B (claimed PBRs). Please resubmit Table D to add the additional emission units and the associated monitoring/recordkeeping requirements that are used to demonstrate compliance with the specific PBRs and the general emission limits of 30 TAC 106.4.
- I could not add emission unit GENSET12 to existing emission unit group GRPSTARICE as it has different unit attributes. The permit has this unit listed separately. I have attached the unit attributes currently in our database for comparison. Also, the Group names should have been listed on the OP-UA forms instead of the individual unit names. Please see attached OP-SUM and OP-UA2 from our permit database for comparison.
- OP-UA2, page 8 – The Commencing attribute of CON is inconsistent with the manufacture date of R0707+ on page 9 of the OP-UA2 which is only used for the MOD (modification) or RECON (reconstructed ) attributes as stated on the OP-UA2 form instructions. I used the MOD attribute to be consistent with the R0707+ manufacture date attribute. If this is incorrect, please update the OP-UA2 page 8 and 9 as appropriate.
- OP-UA2, page 12 – The E560-2237 Kilowatt attributes for GRP-ENGINES2 (GENSET7, GENSET8) cannot be used for emergency engines manufactured prior to model year 2007 based on the form instructions. I chose 130-2237 for the Kilowatt rating. If this is incorrect, please resubmit the OP-UA2, page 12 attributes as appropriate.
- OP-UA2, page 12 – The MANU YES Compliance Option for GENSET13 is not valid for the combination of attributes provided. I used PURCH for a certified engine. If this is incorrect, please submit the OP-UA2, page 12 attributes as appropriate.

Please submit comments on the draft permit and application updates to address the application deficiencies noted above by **April 11, 2025**. I will ask you to certify the application updates later after I review them in case additional corrections are needed. If you have any questions on the above items or on the working draft permit, please contact me.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**Stationary Reciprocating Internal Combustion Engine Attributes**
**Form OP-UA2 (Page 4)**
**Federal Operating Permit Program**
**Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**
**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | HAP Source | Brake HP | Construction/ Reconstruction Date | Nonindustrial Emergency Engine | Service Type | Stationary RICE Type |
|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GRP-ENGINES2 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | EMER-A | |
| GRPSTARICE | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GENSET13 | 63ZZZZ-1 | MAJOR | 100-250 | 06+ | | EMER-A | |

**Form OP-UA2 (Page 5)**
**Federal Operating Permit Program**
**Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**
**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Manufacture Date | Operating Hours | Different Schedule | Emission Limitation | Displacement |
|---|---|---|---|---|---|---|
| GRP-ENGINES1 | 63ZZZZ-1 | | | NO | CONC | |
| GRPSTARICE | 63ZZZZ-1 | | | NO | CONC | |
| | | | | | | |

**Form OP-UA2 (Page 6)**
**Federal Operating Permit Program**
**Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**
**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary 32BReciprocating Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Crankcase | Performance Test | Control Technique | Operating Limits | Monitoring System |
|---|---|---|---|---|---|---|
| GRP-ENGINES1 | 63ZZZZ-1 | YES | NO | OXCAT | | CPMS |
| GRPSTARICE | 63ZZZZ-1 | YES | NO | OXCAT | | CPMS |
| | | | | | | |

**Form OP-UA2 (Page 8)**
**Federal Operating Permit Program**
**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Construction/ Reconstruction/ Modification Date | Test Cell | Exemption | Temp Replacement | Horsepower | Fuel | AEL No. | Lean Burn | Commencing |
|---|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| GRPSTARICE | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| | | | | | | | | | | |

**Stationary Reciprocating Internal Combustion Engine Attributes**
**Form OP-UA2 (Page 9)**
**Federal Operating Permit Program**
**Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Manufacture Date | Displacement | Certified | Operation | Certified Modification | Service | Severe Duty | Optional Compliance |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | 60JJJJ-1 | N0710+ | | YES | YES | | NON | | |
| GRPSTARICE | 60JJJJ-1 | N0710+ | | NO | | | NON | | |
| | | | | | | | | | |

**Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Applicability Date | Exemptions | Service | Commencing | Manufacture Date |
|---|---|---|---|---|---|---|
| GRP-ENGINES2 | 60IIII-1 | 2005+ | NONE | EMERG | CON | 0406+ |
| GENSET13 | 60IIII-1 | 2005+ | NONE | EMERG | CON | 0406+ |
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**Stationary Reciprocating Internal Combustion Engine Attributes**
**Form OP-UA2 (Page 11)**
**Federal Operating Permit Program**
**Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Diesel | AES No. | Displacement | Generator Set | Model Year | Install Date |
|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | 60IIII-1 | DIESEL | | 10-CS | | 2007- | |
| GENSET13 | 60IIII-1 | DIESEL | | 10-CS | | 2011 | |
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**Stationary Reciprocating Internal Combustion Engine Attributes**
**Form OP-UA2 (Page 12)**
**Federal Operating Permit Program**
**Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Kilowatts | Filter | AECD | Standard | Compliance Option | PM Compliance | Options |
|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | 60IIII-1 | 130-2237 | | | YES | PURCH | | |
| GENSET13 | 60IIII-1 | E130-368 | | | YES | MANU YES | | |
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**Texas Commission on Environmental Quality**
**Federal Operating Permit Program**
**Individual Unit Summary for Revisions**
**Form OP-SUMR**
**Table 1**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 04/04/2025 | O-3896 | RN109220137 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|---|---|---|---|---|---|---|---|
| | 1 | GRP-ENGINES1 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 2 | GRP-ENGINES2 | OP-UA2 | CATERPILLAR XQ2000 CI ICE - 1825 KW | | 106.511/09/04/2000 | |
| | 3 | GRPSTARICE | OP-UA2 | CAT-1, 1.5 MW RICE | | 140752 | |
| | 5 | GENSET13 | OP-UA2 | CATERPILLAR 106DE66TAG4 CI ICE - 150 KW | | 106.511/09/04/2000 | |

**Texas Commission on Environmental Quality**
**Federal Operating Permit Program**
**Individual Unit Summary for Revisions**
**Form OP-SUMR**
**Table 2**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|---|---|---|---|---|
| 4 | GENSET12 | OP-UA2 | A | GRPSTARICE |
| | | | | |
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**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 04/01/2025 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 1*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter** | | |
| | **A.** | **Visible Emissions** | |
| ♦ | 1. | The application area includes stationary vents constructed on or before January 31, 1972. | ☐YES ☒NO |
| ♦ | 2. | The application area includes stationary vents constructed after January 31, 1972.<br>*If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.*<br>*If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.* | ☒YES ☐NO |
| ♦ | 3. | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972. | ☐YES ☐NO |
| ♦ | 4. | All stationary vents are addressed on a unit specific basis. | ☐YES ☒NO |
| ♦ | 5. | Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area. | ☒YES ☐NO |
| ♦ | 6. | The application area includes structures subject to 30 TAC § 111.111(a)(7)(A). | ☒YES ☐NO |
| ♦ | 7. | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A). | ☒YES ☐NO |
| ♦ | 8. | Emissions from units in the application area include contributions from uncombined water. | ☐YES ☒NO |
| ♦ | 9. | The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c). | ☐YES ☐NO ☒N/A |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 04/01/2025 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | | |
|---|---|---|---|---|
| ***Form OP-REQ1: Page 2*** | | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | | |
| | **B.** | **Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots** | | |
| | 1. | Items a - d determines applicability of any of these requirements based on geographical location. | | |
| ♦ | | a. | The application area is located within the City of El Paso. | ☐YES ☒NO |
| ♦ | | b. | The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. | ☐YES ☒NO |
| ♦ | | c. | The application area is located in the portion of Harris County inside the loop formed by Beltway 8. | ☐YES ☒NO |
| ♦ | | d. | The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. | ☐YES ☒NO |
| | | *If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.* | | |
| | 2. | Items a - d determine the specific applicability of these requirements. | | |
| ♦ | | a. | The application area is subject to 30 TAC § 111.143. | ☐YES ☐NO |
| ♦ | | b. | The application area is subject to 30 TAC § 111.145. | ☐YES ☐NO |
| ♦ | | c. | The application area is subject to 30 TAC § 111.147. | ☐YES ☐NO |
| ♦ | | d. | The application area is subject to 30 TAC § 111.149. | ☐YES ☐NO |
| | **C.** | **Emissions Limits on Nonagricultural Processes** | | |
| ♦ | 1. | The application area includes a nonagricultural process subject to 30 TAC § 111.151. | | ☒YES ☐NO |
| | 2. | The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements.<br>*If the response to Question I.C.2 is "NO," go to Question I.C.4.* | | ☐YES ☒NO |
| | 3. | All vents from nonagricultural process in the application area are subject to additional monitoring requirements. | | ☐YES ☐NO |

| | |
|---|---|
| Date: | 04/01/2025 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 3*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **C.** | **Emissions Limits on Nonagricultural Processes (continued)** | |
| | 4. | The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c). | ☐YES ☒NO |
| | 5. | The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.5 is "NO," go to Question I.C.7.* | ☐YES ☒NO |
| | 6. | All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | 7. | The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b). | ☐YES ☒NO |
| | 8. | The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.8 is "NO," go to Section I.D.* | ☐YES ☒NO |
| | 9. | All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | **D.** | **Emissions Limits on Agricultural Processes** | |
| | 1. | The application area includes agricultural processes subject to 30 TAC § 111.171. | ☐YES ☒NO |
| | **E.** | **Outdoor Burning** | |
| ♦ | 1. | Outdoor burning is conducted in the application area.<br>*If the response to Question I.E.1 is "NO," go to Section II.* | ☐YES ☒NO |
| ♦ | 2. | Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205. | ☐YES ☐NO |
| ♦ | 3. | Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207. | ☐YES ☐NO |
| ♦ | 4. | Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209. | ☐YES ☐NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

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| ***Form OP-REQ1: Page 4*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **E.** | **Outdoor Burning (continued)** | |
| ♦ | 5. | Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. | ☐YES ☐NO |
| ♦ | 6. | Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. | ☐YES ☐NO |
| ♦ | 7. | The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. | ☐YES ☐NO |
| **II.** | **Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds** | | |
| | **A.** | **Temporary Fuel Shortage Plan Requirements** | |
| | 1. | The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18. | ☐YES ☒NO |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10.<br>*See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.* | ☐YES ☒NO |
| | **B.** | **Storage of Volatile Organic Compounds** | |
| ♦ | 1. | The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 5*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **C.** | **Industrial Wastewater** | |
| | 1. | The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140.<br>*If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.* | ☐YES ☐NO ☐N/A |
| | 2. | The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area.<br>*If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.* | ☐YES ☐NO |
| | 3. | The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater).<br>*If the response to Question III.C.3 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 4. | The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons).<br>*If the response to Question III.C.4 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 5. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1). | ☐YES ☐NO |
| | 6. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2). | ☐YES ☐NO |
| | 7. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4). | ☐YES ☐NO |
| | **D.** | **Loading and Unloading of VOCs** | |
| ♦ | 1. | The application area includes VOC loading operations. | ☐YES ☐NO |
| ♦ | 2. | The application area includes VOC transport vessel unloading operations.<br>*For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 6*** | | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | | |
| | **D.** | **Loading and Unloading of VOCs (continued)** | | |
| ♦ | | 3. | Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area. | ☐YES ☐NO |
| | **E.** | **Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities** | | |
| ♦ | | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container.<br>*If the response to Question III.E.1 is "NO," go to Section III.F.* | ☐YES ☐NO |
| ♦ | | 2. | Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area. | ☐YES ☐NO |
| ♦ | | 3. | All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent.<br>*If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | | 4. | The application area is located in a covered attainment county as defined in 30 TAC § 115.10.<br>*If the response to Question III.E.4 is "NO," go to Question III.E.9.* | ☐YES ☐NO |
| ♦ | | 5. | Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | | 6. | Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | | 7. | At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014.<br>*If the response to Question III.E.7 is "YES," go to Section III.F.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 7*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **E.** | **Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)** | |
| ♦ | 8. | At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004.<br>*If the response to Question III.E.8 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | 9. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | ☐YES ☐NO |
| ♦ | 10. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | ☐YES ☐NO |
| ♦ | 11. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992. | ☐YES ☐NO |
| ♦ | 12. | At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005. | ☐YES ☐NO |
| | **F.** | **Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)** | |
| ♦ | 1. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 8*** | | | |
|---|---|---|---|
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **F.** | **Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)** | |
| ♦ | 2. | Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area. | ☐YES ☐NO ☐N/A |
| | **G.** | **Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities** | |
| ♦ | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks.<br>*If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012. | ☐YES ☐NO |
| ♦ | 3. | The application area includes facilities that began construction prior to November 15, 1992.<br>*If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.* | ☐YES ☐NO |
| ♦ | 4. | The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline. | ☐YES ☐NO |
| ♦ | 5. | The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 9*** | | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | | |
| | **H.** | **Control Of Reid Vapor Pressure (RVP) of Gasoline** | | |
| ♦ | 1. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County.<br>*If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.* | ☐YES ☐NO ☐N/A | |
| ♦ | 2. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements. | ☐YES ☐NO | |
| ♦ | 3. | The application area includes a motor vehicle fuel dispensing facility. | ☐YES ☐NO | |
| ♦ | 4. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less. | ☐YES ☐NO | |
| | **I.** | **Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries** | | |
| | 1. | The application area is located at a petroleum refinery. | ☐YES ☐NO | |
| | **J.** | **Surface Coating Processes (Complete this section for GOP applications only.)** | | |
| ♦ | 1. | Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area. | ☐YES ☐NO ☐N/A | |

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| ***Form OP-REQ1: Page 10*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **K.** | **Cutback Asphalt** | |
| | 1. | Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency.<br>*If the response to Question III.K.1 is "N/A," go to Section III.L.* | ☐YES ☐NO ☐N/A |
| | 2. | The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area. | ☐YES ☐NO ☐N/A |
| | 3. | Asphalt emulsion is used or produced within the application area. | ☐YES ☐NO |
| | 4. | The application area is using an alternate control requirement as specified in 30 TAC § 115.513.<br>*If the response to Question III.K.4 is "NO," go to Section III.L.* | ☐YES ☐NO |
| | 5. | The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1). | ☐YES ☐NO |
| | 6. | The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat. | ☐YES ☐NO |
| | 7. | The applicant using cutback asphalt is a state, municipal, or county agency. | ☐YES ☐NO |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels** | |
| ♦ | 1. | The application area includes degassing operations for stationary, marine, and/or transport vessels.<br>*If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area.<br>*If the response to Question III.L.2 is "YES," go to Section III.M.* | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 11*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)** | |
| ♦ | 3. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 4. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 5. | Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO |
| ♦ | 6. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 7. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area. | ☐YES ☐NO ☐N/A |
| | **M.** | **Petroleum Dry Cleaning Systems** | |
| | 1. | The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 12*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **N.** | **Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC)** | |
| | 1. | The application area includes one or more vent gas streams containing HRVOC. | ☐YES ☐NO ☐N/A |
| | 2. | The application area includes one or more flares that emit or have the potential to emit HRVOC.<br>*If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.* | ☐YES ☐NO ☐N/A |
| | 3. | All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times. | ☐YES ☐NO |
| | 4. | All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times.<br>*If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.* | ☐YES ☐NO |
| | 5. | The application area contains pressure relief valves that are not controlled by a flare. | ☐YES ☐NO |
| | 6. | The application area has at least one vent stream which has no potential to emit HRVOC. | ☐YES ☐NO |
| | 7. | The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H). | ☐YES ☐NO |
| | **O.** | **Cooling Tower Heat Exchange Systems (HRVOC)** | |
| | 1. | The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 13*** | | | |
| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area.<br>*For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.*<br>*For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.*<br>*For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.*<br>*For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.* | ☐YES ☒NO |
| | 2. | The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln.<br>*If the response to Question IV.A.2 is "YES," go to Question IV.H.1.* | ☐YES ☒NO |
| | 3. | The application area includes a utility electric generator in an east or central Texas county.<br>*See instructions for a list of counties included.*<br>*If the response to Question IV.A.3 is "YES," go to Question IV.G.1.*<br>*If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.* | ☐YES ☒NO |
| | **B.** | **Utility Electric Generation in Ozone Nonattainment Areas** | |
| | 1. | The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300.<br>*If the response to Question IV.B.1 is "NO," go to Question IV.C.1.* | ☐YES ☐NO |
| | 2. | The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220. | ☐YES ☐NO |

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| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)** | | |
| | **C.** | **Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas** | |
| ♦ | 1. | The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400.<br>*For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.* | ☐YES ☐NO |
| ♦ | 2. | The application area is located at a site that was a major source of $NO_X$ before November 15, 1992. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320. | ☐YES ☐NO |
| | **D.** | **Adipic Acid Manufacturing** | |
| | 1. | The application area is located at, or part of, an adipic acid production unit. | ☐YES ☐NO ☐N/A |
| | **E.** | **Nitric Acid Manufacturing - Ozone Nonattainment Areas** | |
| | 1. | The application area is located at, or part of, a nitric acid production unit. | ☐YES ☐NO ☐N/A |
| | **F.** | **Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines** | |
| ♦ | 1. | The application area is located at a site that is a minor source of $NO_X$ in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County).<br>*For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.* | ☐YES ☐NO |
| ♦ | 2. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a). | ☐YES ☐NO |
| ♦ | 3. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b). | ☐YES ☐NO |

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| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)** | | |
| | **F.** | **Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)** | |
| ♦ | 4. | The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103. | ☐YES ☐NO |
| ♦ | 5. | The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110. | ☐YES ☐NO |
| | 6. | The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. *If the response to Question IV.F.6 is "NO," go to Section IV.G.* | ☐YES ☐NO |
| | 7. | An ACSS for carbon monoxide (CO) has been approved? | ☐YES ☐NO |
| | 8. | An ACSS for ammonia ($NH_3$) has been approved? | ☐YES ☐NO |
| | 9. | Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below. | |
| | **G.** | **Utility Electric Generation in East and Central Texas** | |
| | 1. | The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. *If the response to Question IV.G.1 is "NO," go to Question IV.H.1.* | ☐YES ☐NO |
| | 2. | The application area is complying with the System Cap in 30 TAC § 117.3020. | ☐YES ☐NO |
| | **H.** | **Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters** | |
| | 1. | The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. *If the response to question IV.H.1 is "NO," go to Section V.* | ☐YES ☒NO |
| | 2. | All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203. | ☐YES ☐NO |

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| *Form OP-REQ1: Page 16* | | | |
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| **V.** | **Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products** | | |
| | **A.** | **Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings** | |
| | 1. | The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States. | ☐YES ☒NO |
| | 2. | The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States.<br>*If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.* | ☐YES ☒NO |
| | 3. | All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6). | ☐YES ☐NO |
| | **B.** | **Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products** | |
| | 1. | The application area manufactures consumer products for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States. | ☐YES ☒NO |
| | 3. | The application area is a distributor of consumer products whose name appears on the label of one or more of the products.<br>*If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.* | ☐YES ☒NO |
| | 4. | All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 17*** | | | |
| **V.** | **Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)** | | |
| | **C.** | **Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings** | |
| | 1. | The application area manufactures or imports architectural coatings for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act.<br>*If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.* | ☐YES ☒NO |
| | 3. | All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5). | ☐YES ☐NO |
| | **D.** | **Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings** | |
| | 1. | The application area manufactures or imports aerosol coating products for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area is a distributor of aerosol coatings for resale or distribution in the United States. | ☐YES ☒NO |
| | **E.** | **Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers** | |
| | 1. | The application area manufactures or imports portable fuel containers for sale or distribution in the United States.<br>*If the response to Question V.E.1 is "NO," go to Section VI.* | ☐YES ☒NO |
| | 2. | All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c). | ☐YES ☐NO |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts.<br>*If the response to Question VI.A.1 is "NO," go to Section VII.* | ☒YES ☐NO |

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| ***Form OP-REQ1: Page 18*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **B.** | **Subpart Y - Standards of Performance for Coal Preparation and Processing Plants** | |
| | 1. | The application area is located at a coal preparation and processing plant.<br>*If the response to Question VI.B.1 is "NO," go to Section VI.C.* | ☐YES ☒NO |
| | 2. | The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd).<br>*If the response to Question VI.B.2 is "NO," go to Section VI.C.* | ☐YES ☐NO |
| | 3. | The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option.<br>*If the response to Question VI.B.3 is "YES," go to Section VI.C.* | ☐YES ☐NO |
| | 4. | The plant contains an open storage pile, as defined in § 60.251, as an affected facility.<br>*If the response to Question VI.B.4 is "NO," go to Section VI.C.* | ☐YES ☐NO |
| | 5. | The open storage pile was constructed, reconstructed or modified after May 27, 2009. | ☐YES ☐NO |
| | **C.** | **Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)** | |
| ♦ | 1. | The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired.<br>*If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005.<br>*If the response to Question VI.C.2 is "NO," go to Section VI.D.* | ☐YES ☐NO |
| ♦ | 3. | One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4). | ☐YES ☐NO |
| ♦ | 4. | The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 19*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **C.** | **Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)** | |
| ♦ | 5. | One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides. | ☐YES ☐NO |
| | **D.** | **Subpart XX - Standards of Performance for Bulk Gasoline Terminals** | |
| | 1. | The application area includes bulk gasoline terminal loading racks.<br>*If the response to Question VI.D.1 is "NO," go to Section VI.E.* | ☐YES ☐NO ☒N/A |
| | 2. | One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC. | ☐YES ☐NO |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions** | |
| ♦ | 1. | The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore).<br>*For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.* | ☐YES ☒NO |
| ♦ | 2. | The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011.<br>*For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 20*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions (continued)** | |
| ♦ | 4. | Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 5. | Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below. | |
| | **F.** | **Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants** | |
| | 1. | The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.<br>*If the response to Question VI.F.1 is "NO," go to Section VI.G.* | ☐YES ☒NO |
| | 2. | Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO. | ☐YES ☐NO |
| | **G.** | **Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems** | |
| | 1. | The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.<br>*If the response to Question VI.G.1 is "NO," go to Section VI.H.* | ☐YES ☒NO |
| | 2. | The application area includes storm water sewer systems. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 21*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **G.** | **Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)** | |
| | 3. | The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater. | ☐YES ☐NO |
| | 4. | The application area includes non-contact cooling water systems. | ☐YES ☐NO |
| | 5. | The application area includes individual drain systems.<br>*If the response to Question VI.G.5 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| | 6. | The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d). | ☐YES ☐NO |
| | 7. | The application area includes completely closed drain systems. | ☐YES ☐NO |
| | **H.** | **Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004** | |
| ♦ | 1. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.H.4 is "NO," go to Section VI.I.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 22*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **H.** | **Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)** | |
| ♦ | 5. | The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.<br>*If the response to Question VI.H.5 is "NO," go to Question VI.H.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| | **I.** | **Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001** | |
| ♦ | 1. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |

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| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **I.** | **Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)** | |
| ♦ | 3. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.I.4 is "NO," go to Section VI.J.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.<br>*If the response to Question VI.I.5 is "NO," go to VI.I.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |

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| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **J.** | **Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006** | |
| ♦ | 1. | The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.J.4 is "NO," go to Section VI.K.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.<br>*If the response to Question VI.J.5 is "NO," go to Question VI.J.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |

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| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)** | | |
| | **J.** | **Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)** | |
| ♦ | 8. | All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 9. | The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste. | ☐YES ☐NO |
| ♦ | 10. | The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| | **K.** | **Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution** | |
| ♦ | 1. | The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO. | ☐YES ☒NO |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts.<br>*If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.* | YES ☐NO ☒N/A |
| | **B.** | **Subpart F - National Emission Standard for Vinyl Chloride** | |
| | 1. | The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride. | YES ☐NO |
| | **C.** | **Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks Emission Sources) of Benzene (Complete this section for GOP applications only)** | |
| ♦ | 1. | The application area includes equipment in benzene service. | ☐YES ☐NO ☐N/A |

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| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **D.** | **Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants** | |
| 1. | The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b).<br>*If the response to Question VII.D.1 is "NO," go to Section VII.E.* | ☐YES ☐NO |
| 2. | The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b). | ☐YES ☐NO |
| 3. | The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2. | ☐YES ☐NO |
| **E.** | **Subpart M - National Emission Standard for Asbestos** | |
| | ***Applicability*** | |
| 1. | The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155.<br>*If the response to Question VII.E.1 is "NO," go to Section VII.F.* | ☐YES ☐NO |
| | ***Roadway Construction*** | |
| 2. | The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material. | ☐YES ☐NO |
| | ***Manufacturing Commercial Asbestos*** | |
| 3. | The application area includes a manufacturing operation using commercial asbestos.<br>*If the response to Question VII.E.3 is "NO," go to Question VII.E.4.* | ☐YES ☐NO |
| a. | Visible emissions are discharged to outside air from the manufacturing operation | ☐YES ☐NO |
| b. | An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval. | ☐YES ☐NO |

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| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | | |
| **E. Subpart M - National Emission Standard for Asbestos (continued)** | | | |
| ***Manufacturing Commercial Asbestos* (continued)** | | | |
| | c. | Asbestos-containing waste material is processed into non-friable forms. | YES ☐NO |
| | d. | Asbestos-containing waste material is adequately wetted. | YES ☐NO |
| | e. | Alternative filtering equipment is being used that has received EPA approval. | YES ☐NO |
| | f. | A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles | YES ☐NO |
| | g. | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| ***Asbestos Spray Application*** | | | |
| 4. | | The application area includes operations in which asbestos-containing materials are spray applied.<br>*If the response to Question VII.E.4 is "NO," go to Question VII.E.5.* | ☐YES ☐NO |
| | a. | Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying.<br>*If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.* | ☐YES ☐NO |
| | b. | Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos. | ☐YES ☐NO |
| | c. | An alternative emission control and waste treatment method is being used that has received prior EPA approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 28*** | | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | | |
| **E. Subpart M - National Emission Standard for Asbestos (continued)** | | | |
| ***Asbestos Spray Application* (continued)** | | | |
| | d. | Asbestos-containing waste material is processed into non-friable forms. | YES ☐NO |
| | e. | Asbestos-containing waste material is adequately wetted. | YES NO |
| | f. | Alternative filtering equipment is being used that has received EPA approval. | YES ☐NO |
| | g. | A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | h. | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| ***Fabricating Commercial Asbestos*** | | | |
| 5. | | The application area includes a fabricating operation using commercial asbestos. *If the response to Question VII.E.5 is "NO," go to Question VII.E.6.* | ☐YES ☐NO |
| | a. | Visible emissions are discharged to outside air from the manufacturing operation. | ☐YES ☐NO |
| | b. | An alternative emission control and waste treatment method is being used that has received prior EPA approval. | ☐YES ☐NO |
| | c. | Asbestos-containing waste material is processed into non-friable forms. | ☐YES ☐NO |
| | d. | Asbestos-containing waste material is adequately wetted. | ☐YES ☐NO |
| | e. | Alternative filtering equipment is being used that has received EPA approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 29*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **E.** | **Subpart M - National Emission Standard for Asbestos (continued)** | |
| | ***Fabricating Commercial Asbestos* (continued)** | |
| | f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| | ***Non-sprayed Asbestos Insulation*** | |
| | 6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying. | YES ☐NO |
| | ***Asbestos Conversion*** | |
| | 7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material. | ☐YES ☐NO |
| **F.** | **Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities** | |
| | 1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process. | ☐YES ☐NO |
| **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations** | |
| | 1. The application area is located at a benzene production facility and/or bulk terminal.<br>*If the response to Question VII.G.1 is "NO," go to Section VII.H.* | ☐YES ☐NO |
| | 2. The application area includes benzene transfer operations at marine vessel loading racks. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 30*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)** | |
| 3. | The application area includes benzene transfer operations at railcar loading racks. | ☐YES ☐NO |
| 4. | The application area includes benzene transfer operations at tank-truck loading racks. | ☐YES ☐NO |
| **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations** | |
| | ***Applicability*** | |
| 1. | The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341. | ☐YES ☐NO |
| 2. | The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b).<br>*If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.* | ☐YES ☐NO |
| 3. | The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates.<br>*If the response to Question VII.H.3 is "YES," go to Section VIII.* | ☐YES ☐NO |
| 4. | The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr).<br>*If the response to Question VII.H.4 is "YES," go to Section VIII* | ☐YES ☐NO |
| 5. | The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr.<br>*If the response to Question VII.H.5 is "YES," go to Section VIII.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 31*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | | |
| ***Applicability* (continued)** | | |
| 6. | The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation. | ☐YES ☐NO |
| 7. | The application area has waste streams with flow-weighted annual average water content of 10% or greater. | ☐YES ☐NO |
| ***Waste Stream Exemptions*** | | |
| 8. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw). | ☐YES ☐NO |
| 9. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr. | ☐YES ☐NO |
| 10. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr. | ☐YES ☐NO |
| 11. | The application area transfers waste off-site for treatment by another facility. | ☐YES ☐NO |
| 12. | The application area is complying with 40 CFR § 61.342(d). | ☐YES ☐NO |
| 13. | The application area is complying with 40 CFR § 61.342(e).<br>*If the response to Question VII.H.13 is "NO," go to Question VII.H.15.* | ☐YES ☐NO |
| 14. | The application area has facility waste with a flow weighted annual average water content of less than 10%. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 32*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | | |
| ***Container Requirements*** | | |
| 15. | The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste.<br>*If the response to Question VII.H.15 is "NO," go to Question VII.H.18.* | ☐YES ☐NO |
| 16. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VII.H.16 is "YES," go to Question VII.H.18.* | ☐YES ☐NO |
| 17. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| ***Individual Drain Systems*** | | |
| 18. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste.<br>*If the response to Question VII.H.18 is "NO," go to Question VII.H.25.* | ☐YES ☐NO |
| 19. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VII.H.19 is "YES," go to Question VII.H.25.* | ☐YES ☐NO |
| 20. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VII.H.20 is "NO," go to Question VII.H.22.* | ☐YES ☐NO |
| 21. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 33*** | | | |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| | **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | |
| | | ***Individual Drain Systems* (continued)** | |
| | 22. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VII.H.22 is "NO," go to Question VII.H.25.* | YES ☐NO |
| | 23. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | YES ☐NO |
| | 24. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | YES ☐NO |
| | | ***Remediation Activities*** | |
| | 25. | Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF. | YES ☐NO |
| **VIII.** | **Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63.<br>*See instructions for 40 CFR Part 63 subparts made applicable only by reference.* | ☒YES ☐NO |
| | **B.** | **Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry** | |
| | 1. | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.B.1 is "NO," go to Section VIII.D.* | ☒YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)**

| | | |
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| 2. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).<br>*If the response to Question VIII.B.2 is "NO," go to Section VIII.D.* | ☐YES ☒NO |
| 3. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | ☐YES ☐NO |
| 4. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | ☐YES ☐NO |
| 5. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does not use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.<br>*If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 35*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater** | | |
| ***Applicability*** | | |
| 1. | The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F.<br>*If the response to Question VIII.C.1 is "NO," go to Section VIII.D.* | ☐YES ☐NO |
| 2. | The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148. | ☐YES ☐NO |
| 3. | The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148.<br>*If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| 4. | The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping. | ☐YES ☐NO |
| 5. | The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere.<br>*If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| ***Vapor Collection and Closed Vent Systems*** | | |
| 6. | Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area. | ☐YES ☐NO |
| 7. | Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 36*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Reloading or Cleaning of Railcars, Tank Trucks, or Barges*** | | |
| 8. | The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank.<br>*If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.* | ☐YES ☐NO |
| 9. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater. | ☐YES ☐NO |
| 10. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system. | ☐YES ☐NO |
| ***Transfer Racks*** | | |
| 11. | The application area includes Group 1 transfer racks that load organic HAPs. | ☐YES ☐NO |
| ***Process Wastewater Streams*** | | |
| 12. | The application area includes process wastewater streams.<br>*If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 13. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF.<br>*If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.* | ☐YES ☐NO |
| 14. | The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). | ☐YES ☐NO |
| 15. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F.<br>*If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 37*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Process Wastewater Streams* (continued)** | | |
| 16. | The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii). | ☐YES ☐NO |
| 17. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272.<br>*If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.* | ☐YES ☐NO |
| 18. | The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i). | ☐YES ☐NO |
| 19. | The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii). | ☐YES ☐NO |
| 20. | The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds. | ☐YES ☐NO |
| 21. | The application area includes process wastewater streams, located at existing sources that are Group 2. | ☐YES ☐NO |
| 22. | The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds. | ☐YES ☐NO |
| 23. | The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 38*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Process Wastewater Streams* (continued)** | | |
| 24. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.* | ☐YES ☐NO |
| 25. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.* | ☐YES ☐NO |
| 26. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 27. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 28. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.* | ☐YES ☐NO |
| 29. | The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 30. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 39*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Drains*** | | |
| 31. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 33. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 34. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 35. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 36. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 40*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C.** | **Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)** | |
| | ***Drains* (continued)** | |
| 37. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 38. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| | ***Gas Streams*** | |
| 39. | The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant. | ☐YES ☐NO |
| 40. | The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5). | ☐YES ☐NO |
| **D.** | **Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks** | |
| 1. | The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations. | ☐YES ☒NO |

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| ***Form OP-REQ1: Page 41*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **E.** | **Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities** | |
| 1. | The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials.<br>*If the response to Question VIII.E.1 is "NO," go to Section VIII.F.* | ☐YES ☒NO |
| 2. | Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O.<br>*If the response to Question VIII.E.2 is "NO," go to Section VIII.F.* | ☐YES ☐NO |
| 3. | The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| 4. | The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| **F.** | **Subpart Q - National Emission Standards for Industrial Process Cooling Towers** | |
| 1. | The application area includes industrial process cooling towers.<br>*If the response to Question VIII.F.1 is "NO," go to Section VIII.G.* | ☐YES ☒NO |
| 2. | Chromium-based water treatment chemicals have been used on or after September 8, 1994. | ☐YES ☐NO |
| **G.** | **Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)** | |
| 1. | The application area includes a bulk gasoline terminal. | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station.<br>*If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.* | ☐YES ☒NO |
| 3. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station.<br>*If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 42*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)** | | |
| 4. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs.<br>*If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |
| 5. | An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station.<br>*If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 6. | The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep).<br>*If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 7. | Emissions screening factor less than 0.5 (ET or EP < 0.5).<br>*If the response to Question VIII.G.7 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 8. | Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0).<br>*If the response to Question VIII.G.8 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 9. | Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0).<br>*If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.* | ☐YES ☐NO |
| 10. | The site at which the application area is located is a major source of HAP.<br>*If the response to Question VIII.G.10 is "NO," go to Section VIII.H.* | ☐YES ☐NO |
| 11. | The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f). | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry**

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| 1. | The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2.<br>*If the response to Question VIII.H.1 is "NO," go to Section VIII.I.* | ☐YES ☒NO |
| 2. | The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3).<br>*If the response to Question VIII.H.2 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 3. | The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources.<br>*If the response to Question VIII.H.3 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 4. | The application area includes one or more kraft pulping systems that are existing sources. | ☐YES ☐NO |
| 5. | The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill. | ☐YES ☐NO |
| 6. | The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24.<br>*If the response to Question VIII.H.6 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 7. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i). | ☐YES ☐NO |
| 8. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 44*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **I.** | **Subpart T - National Emission Standards for Halogenated Solvent Cleaning** | |
| 1. | The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent. | ☐YES ☒NO |
| 2. | The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |
| 3. | The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |
| **J.** | **Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins** | |
| 1. | The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units.<br>*If the response to Question VIII.J.1 is "NO," go to Section VIII.K.* | ☐YES ☒NO |
| 2. | Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U.<br>*If the response to Question VIII.J.2 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |
| 4. | The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 45*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | | |
| 5. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.* | ☐YES ☐NO |
| 6. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.* | ☐YES ☐NO |
| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 46*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | | |
| ***Containers*** | | |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| ***Drains*** | | |
| 12. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 15. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit.<br>*If the response to Question VIII.J.15 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 16. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12).<br>*If the response to Question VIII.J.16 is "NO," go to Section VIII.K.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 47*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J.** | **Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | |
| | ***Drains* (continued)** | |
| 17. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate. | ☐YES ☐NO |
| 18. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| **K.** | **Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production** | |
| 1. | The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area.<br>*If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.* | ☐YES ☐NO ☒N/A |
| 2. | The application area includes a BLR and/or WSR research and development facility. | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **L.** | **Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting** | |
| 1. | The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter.<br>*If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.* | ☐YES ☐NO ☒N/A |
| 2. | The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources. | ☐YES ☐NO |
| **M.** | **Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations** | |
| 1. | The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561. | ☐YES ☒NO |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries** | |
| | ***Applicability*** | |
| 1. | The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7).<br>*If the response to Question VIII.N.1 is "NO," go to Section VIII.O.* | ☐YES ☒NO |
| 2. | All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7).<br>*If the response to Question VIII.N.2 is "YES," go to Section VIII.O.* | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)** | | |
| ***Applicability* (continued)** | | |
| 3. | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.N.3 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 4. | The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC.<br>*If the response to Question VIII.N.4 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 5. | The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | ☐YES ☐NO |
| 6. | The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | ☐YES ☐NO |
| 7. | The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.<br>*If the response to Question VIII.N.7 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 8. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i). | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)** | |
| | ***Applicability* (continued)** | |
| 9. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii).<br>*If the response to Question VIII.N.9 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 10. | The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992. | ☐YES ☐NO |
| | ***Containers, Drains, and other Appurtenances*** | |
| 11. | The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| **O.** | **Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations** | |
| 1. | The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1).<br>*If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P* | ☐YES ☐NO ☒N/A |
| 2. | Materials specified in 40 CFR § 63.680(b)(2) are received at the application area. | ☐YES ☐NO |
| 3. | The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)**

| | | |
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| 4. | The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10). | ☐YES ☐NO |
| 5. | The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality." | ☐YES ☐NO |
| 6. | The predominant activity in the application area is the treatment of wastewater received from off-site. | ☐YES ☐NO |
| 7. | The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6). | ☐YES ☐NO |
| 8. | The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61. | ☐YES ☐NO |
| 9. | The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners). | ☐YES ☐NO |
| 10. | The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year.<br>*If the response to Question VIII.O.10 is "YES," go to Section VIII.P.* | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)** | | |
| 11. | The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater.<br>*If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.* | ☐YES ☐NO |
| 12. | VOHAP concentration is determined by direct measurement. | ☐YES ☐NO |
| 13. | VOHAP concentration is based on knowledge of the off-site material. | ☐YES ☐NO |
| 14. | The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system.<br>*If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.* | ☐YES ☐NO |
| 15. | An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight. | ☐YES ☐NO |
| 16. | An equipment component in the application area is intended to operate 300 hours or more during a 12-month period. | ☐YES ☐NO |
| 17. | The application area includes containers that manage non-exempt off-site material. | ☐YES ☐NO |
| 18. | The application area includes individual drain systems that manage non-exempt off-site materials. | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| | **P.** | **Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities** | |
| | 1. | The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components.<br>*If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.* | ☐YES ☐NO ☒N/A |
| | 2. | The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7). | ☐YES ☐NO |
| | **Q.** | **Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.** | |
| ♦ | 1. | The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer. | ☐YES ☒NO |
| ♦ | 2. | The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user.<br>*For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.*<br>*For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.* | ☐YES ☒NO |
| ♦ | 3. | The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761.<br>*For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.*<br>*For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.* | ☐YES ☐NO |
| ♦ | 4. | The application area is located at a site that is a major source of HAP.<br>*If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)**

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| ♦ | 5. | The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 $ft^3$) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.<br>*For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.*<br>*For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.*<br>*For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.* | ☐YES ☐NO |
| ♦ | 6. | The application area includes a triethylene glycol (TEG) dehydration unit.<br>*For SOP applications, f the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.* | ☐YES ☐NO |
| ♦ | 7. | The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761. | ☐YES ☐NO |
| ♦ | 8. | The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP. | ☐YES ☐NO |
| ♦ | 9. | Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 55*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| **R.** | **Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)** | | |
| | 1. | The application area includes shipbuilding or ship repair operations.<br>*If the response to Question VIII.R.1 is "NO," go to Section VIII.S.* | ☐YES ☒NO |
| | 2. | Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II. | ☐YES ☐NO |
| **S.** | **Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations** | | |
| | 1. | The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations.<br>*If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.* | ☐YES ☐NO ☒N/A |
| | 2. | The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801. | ☐YES ☐NO |
| **T.** | **Subpart KK - National Emission Standards for the Printing and Publishing Industry** | | |
| | 1. | The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses. | ☐YES ☐NO ☒N/A |
| **U.** | **Subpart PP - National Emission Standards for Containers** | | |
| | 1. | The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions.<br>*If the response to Question VIII.U.1 is "NO," go to Section VIII.V.* | ☐YES ☒NO |
| | 2. | The application area includes containers using Container Level 1 controls. | ☐YES ☐NO |
| | 3. | The application area includes containers using Container Level 2 controls. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 56*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| **U.** | **Subpart PP - National Emission Standards for Containers (continued)** | | |
| | 4. | The application area includes containers using Container Level 3 controls. | ☐YES ☐NO |
| **V.** | **Subpart RR - National Emission Standards for Individual Drain Systems** | | |
| | 1. | The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions. | ☐YES ☒NO |
| **W.** | **Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards** | | |
| | 1. | The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. | ☐YES ☒NO |
| | 2. | The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.<br>*If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.* | ☐YES ☒NO |
| | 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c). | ☐YES ☐NO |
| | 4. | The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c). | ☐YES ☐NO |
| | 5. | All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr. | ☐YES ☐NO |
| | 6. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 57*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |

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***Form OP-REQ1: Page 58***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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| 15. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit.<br>*If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.* | ☐YES ☐NO |
| 16. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3).<br>*If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.* | ☐YES ☐NO |
| 17. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate. | ☐YES ☐NO |
| 18. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |

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*For SOP applications, answer ALL questions unless otherwise directed.*
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***Form OP-REQ1: Page 59***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

| | | |
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| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| 20. | The application area includes an ethylene production process unit. | ☐YES ☐NO ☒N/A |
| 21. | The application area includes waste streams generated from an ethylene production process unit.<br>*If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.* | ☐YES ☐NO ☒N/A |
| 22. | The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1).<br>*If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 23. | Waste stream(s) are transferred off-site for treatment.<br>*If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.* | ☐YES ☐NO |
| 24. | The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment.<br>*If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 60*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 25. | The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a). | ☐YES ☐NO |
| 26. | The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b).<br>*If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 27. | The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control.<br>*If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 28. | The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s).<br>*If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.* | ☐YES ☐NO |
| 29. | The application area includes containers that receive, manage, or treat a continuous butadiene waste stream. | ☐YES ☐NO |
| 30. | The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream.<br>*If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 31. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 61*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.<br>*If the response to Question VIII.W.32 is required, go to Question VIII.W.43.* | ☐YES ☐NO |
| 33. | The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream.<br>*If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.* | ☐YES ☐NO |
| 34. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.* | ☐YES ☐NO |
| 35. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 36. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream.<br>*If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 37. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 62*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 38. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.* | ☐YES ☐NO |
| 39. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 40. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 41. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |
| 42. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 43. | The application area has at least one waste stream that contains benzene.<br>*If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 44. | The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene.<br>*If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.* | ☐YES ☐NO |
| 45. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 63*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 46. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 47. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. *If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 48. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.* | ☐YES ☐NO |
| 49. | The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.* | ☐YES ☐NO |
| 50. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 51. | The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 52. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 64*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W.** | **Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | |
| 53. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 54. | The application area contains a cyanide chemicals manufacturing process.<br>*If the response to Question VIII.W.54 is "NO," go to Section VIII.X.* | ☐YES ☒NO |
| 55. | The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile. | ☐YES ☐NO |
| **X.** | **Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins** | |
| 1. | The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ.<br>*If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.* | ☐YES ☒NO |
| 2. | The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units.<br>*If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 3. | All process wastewater streams generated or managed in the application area are from sources producing polystyrene.<br>*If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |
| 4. | All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN.<br>*If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**

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| 5. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 6. | The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 7. | The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 8. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.* | ☐YES ☐NO |
| 9. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 11. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 12. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 66*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)** | | |
| | 13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| | ***Containers*** | |
| | 14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| | ***Drains*** | |
| | 15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.* | ☐YES ☐NO |
| | 16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| | 17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| | 18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit.<br>*If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 67*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)** | | |
| ***Drains* (continued)** | | |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 20. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate. | ☐YES ☐NO |
| 21. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 68*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| | **Y.** | **Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.** | |
| | 1. | The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units. | ☐YES ☒NO |
| | **Z.** | **Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.** | |
| ♦ | 1. | The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills. | ☐YES ☒NO |
| | **AA.** | **Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)** | |
| | 1. | The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1). | ☐YES ☒NO |
| | 2. | The application area is located at a plant site that is a major source as defined in FCAA § 112(a). | ☒YES ☐NO |
| | 3. | The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP.<br>*If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.* | ☐YES ☒NO |
| | 4. | The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF.<br>*If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 69*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| | 5. The application area includes process wastewater streams.<br>*If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |
| | 6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| | 7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| | 8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.* | ☐YES ☐NO |
| | 9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.* | ☐YES ☐NO |
| | 10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| | 11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| | 12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 70*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| 13. | Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h).<br>*If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.* | ☐YES ☐NO |
| 14. | The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected. | ☐YES ☐NO |
| 15. | Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite.<br>*If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.* | ☐YES ☐NO |
| 16. | The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit. | ☐YES ☐NO |
| 17. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 18. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 19. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.* | ☐YES ☐NO |
| 20. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 71*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| 21. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 23. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 24. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr. | ☐YES ☐NO |
| 25. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute. | ☐YES ☐NO |
| 26. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 72*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| **BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.** | | |
| 1. | The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions. | ☐YES ☒NO |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation** | | |
| 1. | The application area includes a facility at which a site remediation is conducted.<br>*If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.* | ☐YES ☒NO |
| 2. | The application area is located at a site that is a major source of HAP.<br>*If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.* | ☐YES ☐NO |
| 3. | All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6).<br>*If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 4. | Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.<br>*If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 5. | The site remediation will be completed within 30 consecutive calendar days. | ☐YES ☐NO |
| 6. | No site remediation will exceed 30 consecutive calendar days.<br>*If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 7. | Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | ☐YES ☐NO |
| 8. | All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.<br>*If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)** | | |
| 9. | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.<br>*If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.* | ☐YES ☐NO |
| 10. | The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b). | ☐YES ☐NO |
| 11. | The application area includes containers with a capacity greater than 0.46 $m^3$ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii). | ☐YES ☐NO |
| 12. | The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b). | ☐YES ☐NO |
| 13. | The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b). | ☐YES ☐NO |
| 14. | The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962. | ☐YES ☐NO |
| **DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities** | | |
| 1. | The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions.<br>*If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.* | ☐YES ☒NO |
| 2. | The EAF steelmaking facility is a research and development facility.<br>*If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.* | ☐YES ☐NO |
| 3. | Metallic scrap is utilized in the EAF. | ☐YES ☐NO |
| 4. | Scrap containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |
| 5. | Scrap not containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 74*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities** | | |
| 1. | The application area is located at a site that is an area source of HAPs.<br>*If the answer to Question EE.1 is "NO," go to Section VIII.FF.* | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R. | ☐YES ☐NO |
| 3. | The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB. | ☐YES ☐NO |
| 4. | The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB.<br>*If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.* | ☐YES ☐NO |
| 5. | The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a). | ☐YES ☐NO |
| 6. | The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC.<br>*If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 7. | The bulk gasoline terminal has throughput of less than 250,000 gallons per day.<br>*If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.* | ☐YES ☐NO |
| 8. | The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks. | ☐YES ☐NO |
| 9. | The bulk gasoline terminal loads gasoline into railcar cargo tanks.<br>*If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 10. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**

| | | | |
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| | 11. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit. | ☐YES ☐NO |

**FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities**

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| ♦ | 1. | The application area is located at a site that is an area source of hazardous air pollutants.<br>*If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.* | ☐YES ☒NO |
| ♦ | 2. | The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132.<br>*If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment. | ☐YES ☐NO |

**GG. Recently Promulgated 40 CFR Part 63 Subparts**

| | | | |
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| ♦ | 1. | The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form.<br>*If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.* | ☒YES ☐NO |
| ♦ | 2. | Provide the Subpart designation (i.e. Subpart EEE) in the space provided below. | |

Subpart ZZZZ

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| ***Form OP-REQ1: Page 76*** | | | | |
| **IX.** | **Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions** | | | |
| | **A.** | **Applicability** | | |
| ♦ | 1. | The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10. | ☐YES | ☒NO |
| **X.** | **Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone** | | | |
| | **A.** | **Subpart A - Production and Consumption Controls** | | |
| ♦ | 1. | The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product. | ☐YES | ☐NO ☒N/A |
| | **B.** | **Subpart B - Servicing of Motor Vehicle Air Conditioners** | | |
| ♦ | 1. | Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area. | ☐YES | ☒NO |
| | **C.** | **Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances** | | |
| ♦ | 1. | The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C. | ☐YES | ☐NO ☒N/A |
| | **D.** | **Subpart D - Federal Procurement** | | |
| ♦ | 1. | The application area is owned/operated by a department, agency, or instrumentality of the United States. | ☐YES | ☐NO ☒N/A |
| | **E.** | **Subpart E - The Labeling of Products Using Ozone Depleting Substances** | | |
| ♦ | 1. | The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer. | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance. | ☐YES | ☐NO ☒N/A |
| ♦ | 3. | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance. | ☐YES | ☐NO ☒N/A |

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| **X.** | **Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)** | | | |
| | **F.** | **Subpart F - Recycling and Emissions Reduction** | | |
| ♦ | 1. | Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area. | ☐YES | ☒NO |
| ♦ | 2. | Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area. | ☐YES | ☐NO ☒N/A |
| ♦ | 3. | The application area manufactures appliances or refrigerant recycling and recovery equipment. | ☐YES | ☐NO ☒N/A |
| | **G.** | **Subpart G - Significant New Alternatives Policy Program** | | |
| ♦ | 1. | The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound.<br>*If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.* | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7). | ☐YES | ☐NO ☐N/A |
| | **H.** | **Subpart H -Halon Emissions Reduction** | | |
| ♦ | 1. | Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area. | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | Disposal of halons or manufacturing of halon blends is conducted in the application area. | ☐YES | ☐NO ☒N/A |
| **XI.** | **Miscellaneous** | | | |
| | **A.** | **Requirements Reference Tables (RRT) and Flowcharts** | | |
| | 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart. | ☐YES | ☒NO |

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| **XI.** | **Miscellaneous (continued)** | | | |
| | **B.** | **Forms** | | |
| ♦ | | 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form.<br>*If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.* | ☐YES ☒NO ☐N/A |
| ♦ | | 2. | Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below. | |
| | **C.** | **Emission Limitation Certifications** | | |
| ♦ | | 1. | The application area includes units for which federally enforceable emission limitations have been established by certification. | ☒YES ☐NO |
| | **D.** | **Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements** | | |
| | | 1. | The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP). | ☐YES ☒NO |
| | | 2. | The application area includes units located at the site that are subject to a site-specific requirement of the SIP. | ☐YES ☒NO |
| | | 3. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator.<br>*If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.* | ☐YES ☒NO |
| | | 4. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director.<br>*If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.* | ☐YES ☒NO |

| | |
|---|---|
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| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 79*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **E.** | **Title IV - Acid Rain Program** | |
| | 1. | The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program. | ☐YES ☒NO |
| | 2. | The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7. | ☐YES ☒NO |
| | 3. | The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8. | ☐YES ☒NO |
| | **F.** | **40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) $NO_X$ Ozone Season Group 2 Trading Program** | |
| | 1. | The application area includes emission units subject to the requirements of the CSAPR $NO_X$ Ozone Season Group 2 Trading Program.<br>*If the response to Question XI.F.1 is "NO," go to Question XI.F.7.* | ☐YES ☒NO |
| | 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for $NO_X$ and heat input. | ☐YES ☐NO |
| | 3. | The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for $NO_X$, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | ☐YES ☐NO |
| | 4. | The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for $NO_X$, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | ☐YES ☐NO |
| | 5. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $NO_X$ and heat input. | ☐YES ☐NO |
| | 6. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $NO_X$ and heat input. | ☐YES ☐NO |
| | 7. | The application area includes emission units that qualify for the CSAPR $NO_X$ Ozone Season Group 2 retired unit exemption. | ☐YES ☒NO |

| | |
|---|---|
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|---|---|---|---|
| ***Form OP-REQ1: Page 80*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **G.** | **40 CFR Part 97, Subpart FFFFF - Texas $SO_2$ Trading Program** | |
| | 1. | The application area includes emission units complying with the requirements of the Texas $SO_2$ Trading Program.<br>*If the response to Question XI.G.1 is "NO," go to Question XI.G.6.* | ☐YES ☒NO |
| | 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for $SO_2$ and 40 CFR Part 75, Subpart H for heat input. | ☐YES ☐NO |
| | 3. | The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for $SO_2$ and heat input. | ☐YES ☐NO |
| | 4. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $SO_2$ and heat input. | ☐YES ☐NO |
| | 5. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $SO_2$ and heat input. | ☐YES ☐NO |
| | 6. | The application area includes emission units that qualify for the Texas $SO_2$ Trading Program retired unit exemption. | ☐YES ☒NO |
| | **H.** | **Permit Shield (SOP Applicants Only)** | |
| | 1. | A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit. | ☒YES ☐NO |

| | |
|---|---|
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|---|---|---|---|---|
| ***Form OP-REQ1: Page 81*** | | | | |
| **XI.** | **Miscellaneous (continued)** | | | |
| | **I.** | **GOP Type (Complete this section for GOP applications only)** | | |
| ♦ | 1. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties. | ☐YES | ☐NO |
| ♦ | 2. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties. | ☐YES | ☐NO |
| ♦ | 3. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties. | ☐YES | ☐NO |
| ♦ | 4. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County. | ☐YES | ☐NO |
| ♦ | 5. | The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit. | ☐YES | ☐NO |
| | **J.** | **Title 30 TAC Chapter 101, Subchapter H** | | |
| ♦ | 1. | The application area is located in a nonattainment area.<br>*If the response to Question XI.J.1 is "NO," go to question XI.J.3.* | ☐YES | ☒NO |
| ♦ | 2. | The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | ☐YES | ☐NO<br>☐N/A |
| ♦ | 3. | The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | ☐YES | ☐NO<br>☒N/A |

| | |
|---|---|
| Date: | 04/01/2025 |
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*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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|---|---|---|---|
| ***Form OP-REQ1: Page 82*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **J.** | **Title 30 TAC Chapter 101, Subchapter H (continued)** | |
| ♦ | 4. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of $NO_X$. | ☐YES ☒NO |
| ♦ | 5. | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I. | ☐YES ☒NO |
| ♦ | 6. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2. | ☐YES ☒NO |
| ♦ | 7. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program. | ☐YES ☒NO |
| | **K.** | **Periodic Monitoring** | |
| ♦ | 1. | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. | ☐YES ☒NO |
| ♦ | 2. | The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.* | ☒YES ☐NO |
| ♦ | 3. | All periodic monitoring requirements are being removed from the permit with this application. | ☐YES ☒NO |

| | |
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| ***Form OP-REQ1: Page 83*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **L.** | **Compliance Assurance Monitoring** | |
| ♦ | 1. | The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source.<br>*If the response to Question XI.L.1 is "NO," go to Section XI.M.* | ☐YES ☒NO |
| ♦ | 2. | The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement.<br>*If the response to Question XI.L.2 is "NO," go to Section XI.M.* | ☐YES ☐NO |
| ♦ | 3. | The permit holder has submitted a CAM proposal on Form OP-MON in a previous application. | ☐YES ☐NO |
| ♦ | 4. | The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application.<br>*If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.* | ☐YES ☐NO |
| | 5. | The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit. | ☐YES ☐NO |
| | 6. | Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below. | |
| ♦ | 7. | At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). | ☐YES ☐NO |
| ♦ | 8. | All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).<br>*If the response to Question XI.L.8 is "YES," go to Section XI.M.* | ☐YES ☐NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 04/01/2025 |
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| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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|---|---|---|---|---|
| ***Form OP-REQ1: Page 84*** | | | | |
| **XI.** | **Miscellaneous (continued)** | | | |
| | **L.** | **Compliance Assurance Monitoring (continued)** | | |
| ♦ | 9. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 10. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 11. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 12. | The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass. | ☐YES | ☐NO |
| | **M.** | **Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times** | | |
| ♦ | 1. | The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004.<br>*If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.* | ☐YES | ☐NO<br>☒N/A |
| ♦ | 2. | All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES | ☐NO |
| **XII.** | **New Source Review (NSR) Authorizations** | | | |
| | **A.** | **Waste Permits with Air Addendum** | | |
| ♦ | 1. | The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum.<br>*If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.* | ☐YES | ☒NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
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|---|---|---|---|
| ***Form OP-REQ1: Page 85*** | | | |
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits** | |
| ♦ | 1. | The application area includes at least one Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.* | ☒YES ☐NO |
| ♦ | 2. | The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617. | ☐YES ☒NO |
| ♦ | 3. | The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization. | ☐YES ☒NO |
| ♦ | 4. | The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620. | ☐YES ☒NO |
| ♦ | 5. | The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization. | ☐YES ☒NO |
| ♦ | 6. | The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621. | ☐YES ☒NO |
| ♦ | 7. | The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U. | ☐YES ☒NO |
| | 8. | The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 9. | The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 10. | The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

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|---|---|
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| RN No.: | RN109220137 |

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|---|---|---|---|
| ***Form OP-REQ1: Page 86*** | | | |
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits (continued)** | |
| ♦ | 11. | The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 12. | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.12 is "NO," go to Question XII.B.15.* | ☒YES ☐NO |
| ♦ | 13. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region. | ☐YES ☒NO |
| ♦ | 14. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region. | ☒YES ☐NO |
| ♦ | 15. | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 16. | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| | **C.** | **Flexible Permits** | |
| | 1. | The application area includes at least one Flexible Permit NSR authorization. | ☐YES ☒NO |
| | **D.** | **Multiple Plant Permits** | |
| | 1. | The application area includes at least one Multi-Plant Permit NSR authorization. | ☐YES ☒NO |

| | |
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***Form OP-REQ1: Page 87***

**XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)**

**E. PSD Permits and PSD Major Pollutants**

| | | |
|---|---|---|
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |

*If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.*

**F. Nonattainment (NA) Permits and NA Major Pollutants**

| | | |
|---|---|---|
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |

*If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.*

**G. NSR Authorizations with FCAA § 112(g) Requirements**

| | | | |
|---|---|---|---|
| NSR Permit No.: 140752 | Issuance Date: 01/31/2024 | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |

♦ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

| | | | |
|---|---|---|---|
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |

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|---|---|
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| **Form OP-REQ1: Page 88** | |
|---|---|
| **XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)** | |
| ♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area** | |
| *A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.* | |
| PBR No.: 106.511 | Version No./Date: effective September 4, 2000 |
| PBR No.: 106.473 | Version No./Date: effective September 4, 2000 |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
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| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| ♦ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum** | |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |

**Permit By Rule Supplemental Table (Page 1)**
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 04/01/2025 | O-3896 | RN109220137 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---|---|---|---|
| N/A | | | |
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**Permit By Rule Supplemental Table (Page 2)**
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 04/01/2025 | O-3896 | RN109220137 |

| Unit ID No. | PBR No. | Version No./Date |
|---|---|---|
| GENSET7 | 106.511 | 09/04/2000 |
| GENSET8 | 106.511 | 09/04/2000 |
| GENSET13 | 106.511 | 09/04/2000 |
| T-1 | 106.473 | 09/04/2000 |
| T-2 | 106.473 | 09/04/2000 |
| T-3 | 106.473 | 09/04/2000 |
| | | |
| | | |
| | | |
| | | |

**Permit By Rule Supplemental Table (Page 3)**
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 04/01/2025 | O-3896 | RN109220137 |

| PBR No. | Version No./Date |
|---|---|
| N/A | |
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**Permit By Rule Supplemental Table (Page 4)**
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 04/01/2025 | O-3896 | RN109220137 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---|---|---|---|
| T-1 | 106.473 | 09/04/2000 | Records of fuel dispensed into the tank will be maintained to demonstrate that <2 |
| T-2 | 106.473 | 09/04/2000 | Records of fuel dispensed into the tank will be maintained to demonstrate that <2 |
| T-3 | 106.473 | 09/04/2000 | Records of oil dispensed into the tank will be maintained to demonstrate that <20 |
| GENSET7 | 106.511 | 09/04/2000 | Records must identify the rules under which your facility is operating and demons |
| GENSET8 | 106.511 | 09/04/2000 | Records must identify the rules under which your facility is operating and demons |
| GENSET13 | 106.511 | 09/04/2000 | Records must identify the rules under which your facility is operating and demons |
| | | | |
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Reset Form Print Form

**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, April 3, 2025 1:11 PM
**To:** Alfredo Mendoza
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Hey Alfredo,

Would you be able to give me a call tomorrow morning? Thanks!

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**
512-425-2060 www.INTERA.com

IMPORTANT: The contents of this email and any attachments are confidential. They are intended for the named recipient(s) only. If you have received this email by mistake, please notify the sender immediately and do not disclose the contents to anyone or make copies thereof.

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**From:** Alfredo Mendoza
**Sent:** Thursday, April 3, 2025 1:03 PM
**To:** Thomas Warnack
**Cc:** Lin-Syuan Yang; Alisa Heggie
**Subject:** RE: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I can give you a call either today after 4 pm or at 9 tomorrow morning. If I recall, the confusing part of the application was the use of the individual unit IDs on the unit attribute forms. If emission units have been added to an emission unit group ID on the OP-SUM, then the Group ID should be used in lieu of the individual unit IDs on the UA forms. Grouping emission units is optional and is used to streamline the requirements for a collection of emission units that have identical attributes. If any of the units have differing unit attributes, then the units cannot be grouped. This is why I sent the existing unit attributes that we currently have on record for comparison. If the intent was to add GENSET12 to GRPSTARICE, then this should have just been identified on the OP-SUMR, and you did not to resubmit the unit attribute forms if there were no changes to the previously submitted unit attributes for GRPSTARICE. Since you submitted the individual unit IDs, I had to compare them for every emission unit that was in the group which is where I saw a discrepancy.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, April 3, 2025 12:34 PM
**To:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Cc:** Lin-Syuan Yang <LSYang@intera.com>; Alisa Heggie <aheggie@larsenfarms.com>
**Subject:** Re: Working Draft Pernit -Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

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**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

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**Attachments:** draft permit O3896.docx; OP-SUM.xls; OP-UA2.pdf

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02

| Texas Federal Operating Permit Application UA02 11/22 | Page: 4 | Account Number: | RN: RN109220137 |
|---|---|---|---|

| Project Number: 36952 | Permit Number: 3896 | Area Name: LARSEN FARMS POWER GENERATING FACILITY PLANT NO. 1 |
|---|---|---|

| Unit ID Number | Index # | 001 - SOP/GOP INDEX NO. | 002 - HAP Source | 003 - Brake HP | 004 - Construction/Reconstruction | 006 - Service Type | 007 - Stationary RICE Type |
|---|---|---|---|---|---|---|---|
| GENSET12 | 63ZZZZ-1 | **63ZZZZ-1** | **MAJOR** | **500+** | **06+** | **NORMAL** | **4SLB** |
| GENSET13 | 63ZZZZ-1 | **63ZZZZ-1** | **MAJOR** | **100-250** | **06+** | **EMER-A** | |
| GRP-ENGINES1 | 63ZZZZ-1 | **63ZZZZ-1** | **MAJOR** | **500+** | **06+** | **NORMAL** | **4SLB** |
| GRP-ENGINES2 | 63ZZZZ-1 | **63ZZZZ-1** | **MAJOR** | **500+** | **06+** | **EMER-A** | |
| GRPSTARICE | 63ZZZZ-1 | **63ZZZZ-1** | **MAJOR** | **500+** | **06+** | **NORMAL** | **4SLB** |

1 SOP/GOP INDEX NO.
2 HAP Source
3 Brake HP
4 Construction/Reconstruction Date
6 Service Type
7 Stationary RICE Type

02

| Texas Federal Operating Permit Application UA02 11/22 | Page: 5 | Account Number: | RN: RN109220137 |
|---|---|---|---|
| Project Number: 36952 | Permit Number: 3896 | Area Name: LARSEN FARMS POWER GENERATING FACILITY PLANT NO. 1 | |

| Unit ID Number | Index # | 001 - SOP/GOP INDEX NO. | 004 - Different Schedule | 005 - Emission Limitation |
|---|---|---|---|---|
| GENSET12 | 63ZZZZ-1 | **63ZZZZ-1** | **NO** | **CONC** |
| GRP-ENGINES1 | 63ZZZZ-1 | **63ZZZZ-1** | **NO** | **CONC** |
| GRPSTARICE | 63ZZZZ-1 | **63ZZZZ-1** | **NO** | **CONC** |

1 SOP/GOP INDEX NO.
4 Different Schedule
5 Emission Limitation

02

| Texas Federal Operating Permit Application UA02 11/22 | Page: 6 | Account Number: | RN: RN109220137 |
|---|---|---|---|
| Project Number: 36952 | Permit Number: 3896 | Area Name: LARSEN FARMS POWER GENERATING FACILITY PLANT NO. 1 | |

| Unit ID Number | Index # | 001 - SOP/GOP INDEX NO. | 002 - Crankcase | 003 - Performance Test | 004 - Control Technique | 006 - Monitoring System |
|---|---|---|---|---|---|---|
| GENSET12 | 63ZZZZ-1 | **63ZZZZ-1** | **YES** | **NO** | **OXCAT** | **CPMS** |
| GRP-ENGINES1 | 63ZZZZ-1 | **63ZZZZ-1** | **YES** | **YES** | **OXCAT** | **CPMS** |
| GRPSTARICE | 63ZZZZ-1 | **63ZZZZ-1** | **YES** | **YES** | **OXCAT** | **CPMS** |

1 SOP/GOP INDEX NO.
2 Crankcase
3 Performance Test
4 Control Technique
6 Monitoring System

02

| Texas Federal Operating Permit Application UA02 11/22 | Page: 8 | Account Number: | RN: RN109220137 |
|---|---|---|---|
| Project Number: 36952 | Permit Number: 3896 | Area Name: LARSEN FARMS POWER GENERATING FACILITY PLANT NO. 1 | |

| Unit ID Number | Index # | 001 - SOP/GOP INDEX NO. | 002 - Construction/Reconstruction/M | 003 - Test Cell | 004 - Exemption | 005 - Temp Replacement | 006 - Horsepower | 007 - Fuel | 010 - Commencing |
|---|---|---|---|---|---|---|---|---|---|
| GENSET12 | 60JJJJ-1 | **60JJJJ-1** | **YES** | **NO** | **NONE** | **NO** | **1350+** | **NATGAS** | **CON** |
| GRP-ENGINES1 | 60JJJJ-1 | **60JJJJ-1** | **YES** | **NO** | **NONE** | **NO** | **1350+** | **NATGAS** | **MOD** |
| GRPSTARICE | 60JJJJ-1 | **60JJJJ-1** | **YES** | **NO** | **NONE** | **NO** | **1350+** | **NATGAS** | **MOD** |

1 SOP/GOP INDEX NO.
2 Construction/Reconstruction/Modification Date
3 Test Cell
4 Exemption
5 Temp Replacement
6 Horsepower
7 Fuel
10 Commencing

02

| Texas Federal Operating Permit Application UA02 11/22 | Page: 9 | Account Number: | RN: RN109220137 |
|---|---|---|---|
| Project Number: 36952 | Permit Number: 3896 | Area Name: LARSEN FARMS POWER GENERATING FACILITY PLANT NO. 1 | |

| Unit ID Number | Index # | 001 - SOP/GOP INDEX NO. | 002 - Manufacture Date | 004 - Certified | 006 - Certified Modification | 007 - Service |
|---|---|---|---|---|---|---|
| GENSET12 | 60JJJJ-1 | **60JJJJ-1** | **N0710+** | **NO** | | **NON** |
| GRP-ENGINES1 | 60JJJJ-1 | **60JJJJ-1** | **R0707+** | | **YES** | **NON** |
| GRPSTARICE | 60JJJJ-1 | **60JJJJ-1** | **R0707+** | | **NO** | **NON** |

1 SOP/GOP INDEX NO.
2 Manufacture Date
4 Certified
6 Certified Modification
7 Service

02

| Texas Federal Operating Permit Application UA02 11/22 | Page: 10 | Account Number: | RN: RN109220137 |
|---|---|---|---|
| Project Number: 36952 | Permit Number: 3896 | Area Name: LARSEN FARMS POWER GENERATING FACILITY PLANT NO. 1 | |

| Unit ID Number | Index # | 001 - SOP/GOP INDEX NO. | 002 - Applicability Date | 003 - Exemptions | 004 - Service | 005 - Commencing | 006 - Manufacture Date |
|---|---|---|---|---|---|---|---|
| GENSET13 | 60IIII-1 | **60IIII-1** | **2005+** | **NONE** | **EMERG** | **CON** | **0406+** |
| GRP-ENGINES2 | 60IIII-1 | **60IIII-1** | **2005+** | **NONE** | **EMERG** | **CON** | **0406+** |

1 SOP/GOP INDEX NO.
2 Applicability Date
3 Exemptions
4 Service
5 Commencing
6 Manufacture Date

02

| Texas Federal Operating Permit Application UA02 11/22 | Page: 11 | Account Number: | RN: RN109220137 |
|---|---|---|---|
| Project Number: 36952 | Permit Number: 3896 | Area Name: LARSEN FARMS POWER GENERATING FACILITY PLANT NO. 1 | |

| Unit ID Number | Index # | 001 - SOP/GOP INDEX NO. | 002 - Diesel | 004 - Displacement | 006 - Model Year |
|---|---|---|---|---|---|
| GENSET13 | 60IIII-1 | **60IIII-1** | **DIESEL** | **10-CS** | **2007-** |
| GRP-ENGINES2 | 60IIII-1 | **60IIII-1** | **DIESEL** | **10-CS** | **2007-** |

1 SOP/GOP INDEX NO.
2 Diesel
4 Displacement
6 Model Year

02

| Texas Federal Operating Permit Application UA02 11/22 | Page: 12 | Account Number: | RN: RN109220137 |
|---|---|---|---|
| Project Number: 36952 | Permit Number: 3896 | Area Name: LARSEN FARMS POWER GENERATING FACILITY PLANT NO. 1 | |

| Unit ID Number | Index # | 001 - SOP/GOP INDEX NO. | 002 - Kilowatts | 004 - AECD | 005 - Standard | 006 - Compliance Option |
|---|---|---|---|---|---|---|
| GENSET13 | 60IIII-1 | **60IIII-1** | **130-2237** | **NO** | **YES** | **PURCH** |
| GRP-ENGINES2 | 60IIII-1 | **60IIII-1** | **130-2237** | **NO** | **YES** | **PURCH** |

1 SOP/GOP INDEX NO.
2 Kilowatts
4 AECD
5 Standard
6 Compliance Option

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Blaine Larsen Farms, Inc.

AUTHORIZING THE OPERATION OF
Power Generating Facility Plant 1
Larsen Farms Power Generating Facility Plant No. 1
Fossil Fuel Electric Power Generation

LOCATED AT
Hartley County, Texas
Latitude 35° 55′ 59″ Longitude 102° 53′ 38″
Regulated Entity Number: RN109220137

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O3896 Issuance Date: _____

_____
For the Commission

# Table of Contents


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**General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

**Special Terms and Conditions:**

**Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:

    A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

    B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

    C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

    D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ, as identified in the attached Applicable Requirements Summary table, are subject to 30 TAC Chapter 113, Subchapter C, §113.1090, which incorporates the 40 CFR Part 63 Subpart by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

B. Title 30 TAC § 101.3 (relating to Circumvention)

C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

H. Title 30 TAC § 101.221 (relating to Operational Requirements)

I. Title 30 TAC § 101.222 (relating to Demonstrations)

J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

(i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(1)(E)

(iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

(iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive

ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity

requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

(c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to

condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and $NO_x$, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's

eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height ($h_e$) less than the standard effective stack height ($H_e$), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

6. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

**Additional Monitoring Requirements**

7. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

**New Source Review Authorization Requirements**

8. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated August 1, 2024 in the application for project 36952), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

A. Are incorporated by reference into this permit as applicable requirements

B. Shall be located with this operating permit

C. Are not eligible for a permit shield

9. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

10. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

11. The permit holder shall comply with the following requirements for Air Quality Standard Permits:

A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit

B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit

C. Requirements of the Electric Generating Unit Standard Permit for facilities located in the West Texas region based on the information contained in the registration application.

**Compliance Requirements**

12. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

13. Use of Discrete Emission Credits to comply with the applicable requirements:

A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

(i) Title 30 TAC Chapter 115

(ii) Title 30 TAC Chapter 117

(iii) If applicable, offsets for Title 30 TAC Chapter 116

(iv) Temporarily exceed state NSR permit allowables

B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

(i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

(ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

(iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

**Permit Location**

14. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

**Permit Shield (30 TAC § 122.148)**

15. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## Attachments

**Applicable Requirements Summary**

**Permit Shield**

**New Source Review Authorization References**

## Applicable Requirements Summary

**Unit Summary** ..... **12**

**Applicable Requirements Summary** ..... **13**

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

## Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|---|---|---|---|---|---|
| GENSET12 | SRIC Engines | N/A | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GENSET12 | SRIC Engines | N/A | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GENSET13 | SRIC Engines | N/A | 60IIII-1 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| GENSET13 | SRIC Engines | N/A | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRP-ENGINES1 | SRIC Engines | GENSET1, GENSET2, GENSET3, GENSET4, GENSET5, GENSET6 | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GRP-ENGINES1 | SRIC Engines | GENSET1, GENSET2, GENSET3, GENSET4, GENSET5, GENSET6 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRP-ENGINES2 | SRIC Engines | GENSET7, GENSET8 | 60IIII-1 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| GRP-ENGINES2 | SRIC Engines | GENSET7, GENSET8 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| GRPSTARICE | SRIC Engines | GENSET10, GENSET11, GENSET9 | 60JJJJ-1 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| GRPSTARICE | SRIC Engines | GENSET10, GENSET11, GENSET9 | 63ZZZZ-1 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET12 | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(e) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GENSET12 | EU | 60JJJJ-1 | $NO_X$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(d) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GENSET12 | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g) | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(f)<br>§ 60.4244(g) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET12 | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6630(b)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>§ 63.6610(b)<br>§ 63.6610(c)<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d)<br>[G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4)<br>[G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 60IIII-1 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a CO emission limit of 11.4 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GENSET13 | EU | 60IIII-1 | Hydrocarbons | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with an HC emission limit of 1.3 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 60IIII-1 | $NO_X$ | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NOx emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GENSET13 | EU | 60IIII-1 | PM | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a PM emission limit of 0.54 g/KW-hr, as listed in Table 1 to this subpart. | None | None | None |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GENSET13 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(c) | Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part. | None | None | None |
| GRP-ENGINES1 | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(f)(4)<br>§ 60.4234<br>§ 60.4243(e)<br>§ 60.4243(g)<br>§ 60.4243(i)<br>§ 60.4243(i)(1) | Owners and operators of stationary non-emergency natural gas and lean burn LPG engines with maximum engine power greater than or equal to 100 HP that were manufactured on or after 07/01/2008 (for engines < 500 HP) or on or after 07/01/2007 (for engines > 500 HP) or on or after 01/01/2008 (for lean burn > 500 HP and < 1350 HP) and have been modified/reconstructed after 06/12/2006 must comply with a CO emission limit of 2.0 g/HP-hr., as stated in 40 CFR 60.4233(e) and Table 1 to this subpart. | § 60.4243(e) | § 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | EU | 60JJJJ-1 | $NO_X$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(f)(4)<br>§ 60.4234<br>§ 60.4243(e)<br>§ 60.4243(g)<br>§ 60.4243(i)<br>§ 60.4243(i)(1) | Owners and operators of stationary non-emergency natural gas and lean burn LPG engines with maximum engine power greater than or equal to 100 HP that were manufactured on or after 07/01/2008 (for engines < 500 HP) or on or after 07/01/2007 (for engines > 500 HP) or on or after 01/01/2008 (for lean burn > 500 HP and < 1350 HP) and have been modified/reconstructed after 06/12/2006 must comply with a NOx emission limit of 1.0 g/HP-hr., as stated in 40 CFR 60.4233(e) and Table 1 to this subpart. | § 60.4243(e) | § 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES1 | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(f)(4)<br>§ 60.4234<br>§ 60.4243(e)<br>§ 60.4243(g)<br>§ 60.4243(i)<br>§ 60.4243(i)(1) | Owners and operators of stationary non-emergency natural gas and lean burn LPG engines with maximum engine power greater than or equal to 100 HP that were manufactured on or after 07/01/2008 (for engines < 500 HP) or on or after 07/01/2007 (for engines > 500 HP) or on or after 01/01/2008 (for lean burn > 500 HP and < 1350 HP) and have been modified/reconstructed after 06/12/2006 must comply with a VOC emission limit of 0.7 g/HP-hr., as stated in 40 CFR 60.4233(e) and Table 1 to this subpart. | § 60.4243(e) | § 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(3) | None |
| GRP-ENGINES1 | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>§ 63.6610(b)<br>§ 63.6610(c)<br>[G]§ 63.6610(d)<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | [G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | | [G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |
| GRP-ENGINES2 | EU | 60IIII-1 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a CO emission limit of 11.4 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | EU | 60IIII-1 | Hydrocarbons | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with an HC emission limit of 1.3 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |
| GRP-ENGINES2 | EU | 60IIII-1 | $NO_X$ | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NOx emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart. | None | None | [G]§ 60.4214(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRP-ENGINES2 | EU | 60IIII-1 | PM | 40 CFR Part 60, Subpart IIII | § 60.4205(a)-Table 1<br>§ 60.4206<br>§ 60.4207(b)<br>§ 60.4211(b)<br>§ 60.4211(b)(1)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a PM emission limit of 0.54 g/KW-hr, as listed in Table 1 to this subpart. | None | None | None |
| GRP-ENGINES2 | EU | 63ZZZZ-1 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(b)(1)<br>§ 63.6595(c)<br>§ 63.6640(f)(1)<br>§ 63.6640(f)(2)<br>§ 63.6640(f)(2)(i)<br>§ 63.6640(f)(3) | An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f). | None | None | § 63.6645(f) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(f)(4)<br>§ 60.4234<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(c)<br>§ 60.4243(e)<br>§ 60.4243(g)<br>§ 60.4243(i)<br>§ 60.4243(i)(2) | Owners and operators of stationary non-emergency natural gas and lean burn LPG engines with maximum engine power greater than or equal to 100 HP that were manufactured on or after 07/01/2008 (for engines < 500 HP) or on or after 07/01/2007 (for engines > 500 HP) or on or after 01/01/2008 (for lean burn > 500 HP and < 1350 HP) and have been modified/reconstructed after 06/12/2006 must comply with a CO emission limit of 2.0 g/HP-hr., as stated in 40 CFR 60.4233(e) and Table 1 to this subpart. | § 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(i)(2)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(e) | § 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 60JJJJ-1 | $NO_X$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(f)(4)<br>§ 60.4234<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(c)<br>§ 60.4243(e)<br>§ 60.4243(g)<br>§ 60.4243(i)<br>§ 60.4243(i)(2) | Owners and operators of stationary non-emergency natural gas and lean burn LPG engines with maximum engine power greater than or equal to 100 HP that were manufactured on or after 07/01/2008 (for engines < 500 HP) or on or after 07/01/2007 (for engines > 500 HP) or on or after 01/01/2008 (for lean burn > 500 HP and < 1350 HP) and have been modified/reconstructed after 06/12/2006 must comply with a NOx emission limit of 1.0 g/HP-hr., as stated in 40 CFR 60.4233(e) and Table 1 to this subpart. | § 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(i)(2)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(d) | § 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| GRPSTARICE | EU | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(f)(4)<br>§ 60.4234<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(c)<br>§ 60.4243(e)<br>§ 60.4243(g)<br>§ 60.4243(i)<br>§ 60.4243(i)(2) | Owners and operators of stationary non-emergency natural gas and lean burn LPG engines with maximum engine power greater than or equal to 100 HP that were manufactured on or after 07/01/2008 (for engines < 500 HP) or on or after 07/01/2007 (for engines > 500 HP) or on or after 01/01/2008 (for lean burn > 500 HP and < 1350 HP) and have been modified/reconstructed after 06/12/2006 must comply with a VOC emission limit of 0.7 g/HP-hr., as stated in 40 CFR 60.4233(e) and Table 1 to this subpart. | § 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(i)(2)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(f)<br>§ 60.4244(g) | § 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| GRPSTARICE | EU | 63ZZZZ-1 | Formaldehyde | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table 2a.2.b<br>§ 63.6595(c)<br>§ 63.6600(b)-Table 2b.1.a<br>§ 63.6600(b)-Table 2b.1.b<br>§ 63.6605(a)<br>§ 63.6605(b)<br>§ 63.6625(h)<br>§ 63.6630(a)<br>§ 63.6640(b) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 % O2. | § 63.6610(a)<br>§ 63.6610(b)<br>§ 63.6610(c)<br>[G]§ 63.6610(d)<br>§ 63.6615<br>§ 63.6620(a)<br>§ 63.6620(a)-Table 3.3<br>§ 63.6620(a)-Table 4.3.a.i<br>§ 63.6620(a)-Table 4.3.a.ii<br>§ 63.6620(a)-Table 4.3.a.iii<br>§ 63.6620(a)-Table 4.3.a.iv<br>§ 63.6620(b)<br>§ 63.6620(b)(2)<br>§ 63.6620(d) | § 63.6620(i)<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(c)<br>§ 63.6655(a)<br>§ 63.6655(a)(1)<br>§ 63.6655(a)(2)<br>§ 63.6655(a)(3)<br>§ 63.6655(a)(4)<br>§ 63.6655(a)(5)<br>[G]§ 63.6655(b)<br>§ 63.6655(d)<br>§ 63.6660(a)<br>§ 63.6660(b)<br>§ 63.6660(c) | § 63.6620(i)<br>§ 63.6630(c)<br>§ 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6645(h)(2)<br>§ 63.6650(a)<br>§ 63.6650(a)-Table 7.1.a.i<br>§ 63.6650(a)-Table 7.1.b<br>§ 63.6650(a)-Table 7.1.c<br>§ 63.6650(b)<br>§ 63.6650(b)(1)<br>§ 63.6650(b)(2)<br>§ 63.6650(b)(3)<br>§ 63.6650(b)(4) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | [G]§ 63.6620(e)(2)<br>[G]§ 63.6625(b)<br>§ 63.6630(a)-Table 5.9.a.i<br>§ 63.6630(a)-Table 5.9.a.ii<br>§ 63.6630(a)-Table 5.9.a.iii<br>§ 63.6635(a)<br>§ 63.6635(b)<br>§ 63.6640(a)<br>§ 63.6640(a)-Table 6.7.a.i<br>§ 63.6640(a)-Table 6.7.a.ii<br>§ 63.6640(a)-Table 6.7.a.iii<br>§ 63.6640(a)-Table 6.7.a.iv<br>§ 63.6640(a)-Table 6.7.a.v<br>§ 63.6640(b) | | [G]§ 63.6650(c)<br>[G]§ 63.6650(e)<br>§ 63.6650(f) |

## Permit Shield

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## Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

| Unit / Group / Process ID No. | Group / Inclusive Units | Regulation | Basis of Determination |
|---|---|---|---|
| GRP-TANKS | T-1, T-2 | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |
| T-3 | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |

## New Source Review Authorization References

**New Source Review Authorization References ..... 30**

**New Source Review Authorization References by Emission Unit ..... 31**

## New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| **Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.** | |
|---|---|
| Authorization No.: 140752 | Issuance Date: 01/31/2024 |
| **Permits By Rule (30 TAC Chapter 106) for the Application Area** | |
| Number: 106.472 | Version No./Date: 09/04/2000 |
| Number: 106.473 | Version No./Date: 09/04/2000 |
| Number: 106.511 | Version No./Date: 09/04/2000 |

## New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization** |
|---|---|---|
| GENSET1 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET10 | Cat-2, 1.5 MW RICE | 140752 |
| GENSET11 | Cat-3, 1.5 MW RICE | 140752 |
| GENSET12 | Cat-4, 1.5 MW RICE | 140752 |
| GENSET13 | Caterpillar 106DE66TAG4 CI ICE - 150 KW | 106.511/09/04/2000 |
| GENSET2 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET3 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET4 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET5 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET6 | Caterpillar CG17020 SI ICE - 4SLB 2795 HP | 140752 |
| GENSET7 | Caterpillar XQ2000 CI ICE - 1825 KW | 106.511/09/04/2000 |
| GENSET8 | Caterpillar XQ2000 CI ICE - 1825 KW | 106.511/09/04/2000 |
| GENSET9 | Cat-1, 1.5 MW RICE | 140752 |
| T-1 | Diesel Storage Tank | 106.473/09/04/2000 |
| T-2 | Diesel Storage Tank | 106.473/09/04/2000 |
| T-3 | Lube Oil Storage Tank | 106.473/09/04/2000 |

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

## Appendix A

**Acronym List ..... 33**

## Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
CEMS ..... continuous emissions monitoring system
CFR ..... Code of Federal Regulations
COMS ..... continuous opacity monitoring system
CVS ..... closed vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
$H_2S$ ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MACT ..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr ..... Million British thermal units per hour
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NESHAP ..... National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
$NO_x$ ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PEMS ..... predictive emissions monitoring system
PM ..... particulate matter
ppmv ..... parts per million by volume
PRO ..... process unit
PSD ..... prevention of significant deterioration
psia ..... pounds per square inch absolute
SIP ..... state implementation plan
$SO_2$ ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound

**From:** Thomas Warnack <twarnack@intera.com>
**Sent:** Thursday, September 5, 2024 3:37 PM
**To:** Alfredo Mendoza
**Cc:** Alisa Heggie; Joe Pere; Lin-Syuan Yang
**Subject:** RE: Technical Review - Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952
**Attachments:** F240905_OP-2.pdf

Hey Alfredo,

Thanks for providing this guidance. Attached is the revised OP-2 form to clarify that this is a renewal project with significant revisions. I will be sending electronic copies to the EPA shortly and I will also reach out to the TCEQ regional office with either a hard copy or electronic copy.

Please let us know if anything further is required at this time.

Thanks!

INTERA

**Thomas Warnack**
Air Quality Engineer
**INTERA Incorporated**

512-425-2060 www.INTERA.com

IMPORTANT: The contents of this email and any attachments are confidential. They are intended for the named recipient(s) only. If you have received this email by mistake, please notify the sender immediately and do not disclose the contents to anyone or make copies thereof.

---

**From:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
**Sent:** Thursday, September 5, 2024 11:31 AM
**To:** Thomas Warnack <twarnack@intera.com>
**Subject:** Technical Review - Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I have been assigned to review the Title V significant revision application submitted for the Blaine Larsen Farms, Inc., Power Generating Facility Plant 1. This permit application has been assigned project number 36952.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- Reference to confidential business information (CBI) in NSR permits and PBR submittals.

- High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at Where to Submit FOP Applications and Permit-Related Documents.

I will begin my technical review of the application within the next 1-2 weeks. If there is any additional information I need to complete my review, I will convey that information as soon as possible. If you have any questions regarding the review process, please let me know.

One item of clarification that I need from you now is regarding the project type. The cover letter indictated that this is a renewal and significant revision project, however the OP-2 indicated that it is a significant revision project. If this is meant to be a renewal application with significant revisions attached, **please resubmit form OP-2 by September 9, 2024** to change the project type to a renewal so that we have it on record that a timely renewal application was submitted. You can send me the updated OP-2 via email.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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https://www.tceq.texas.gov/customersurvey

**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 1**
**Texas Commission on Environmental Quality**

| | |
|---|---|
| Date: 09/05/2024 | |
| Permit No.: O-3896 | |
| Regulated Entity No.: RN109220137 | |
| Company Name: Blaine Larsen Farms, Inc. | |
| For Submissions to EPA | |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA? | ☒ YES ☐ NO |
| **I. Application Type** | |
| Indicate the type of application: | |
| ☒ Renewal | |
| ☐ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.) | |
| ☐ Significant Revision | |
| ☐ Revision Requesting Prior Approval | |
| ☐ Administrative Revision | |
| ☐ Response to Reopening | |
| **II. Qualification Statement** | |
| For SOP Revisions Only | ☒ YES ☐ NO |
| For GOP Revisions Only | ☐ YES ☒ NO |

**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 1 *(continued)***
**Texas Commission on Environmental Quality**

| **III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)** | | | | | | |
|---|---|---|---|---|---|---|
| Indicate all pollutants for which the site is a major source based on the site's potential to emit:<br>*(Check the appropriate box[es].)* | | | | | | |
| ☐ VOC | ☒ $NO_X$ | ☐ $SO_2$ | ☐ $PM_{10}$ | ☐ CO | ☐ Pb | ☒ HAP |
| Other: | | | | | | |
| **IV. Reference Only Requirements** *(For reference only)* | | | | | | |
| Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? | | | | | ☒ YES ☐ NO ☐ N/A | |
| **V. Delinquent Fees and Penalties** | | | | | | |
| Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol. | | | | | | |

**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 2**
**Texas Commission on Environmental Quality**

| |
|---|
| Date: 08/01/2024 |
| Permit No.: O-3896 |
| Regulated Entity No.: RN109220137 |
| Company Name: Blaine Larsen Farms, Inc. |

Using the table below, provide a description of the revision.

| Revision No. | Revision Code | New Unit | Unit/Group ID No. | Process Applicable Form | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|---|---|---|---|---|---|---|
| 1 | SIG-B | No | GENSET1-6 | OP-UA2 | 140752 | Increase operating hours from 6,600 to 8,760 hrs/y |
| 2 | SIG-B | No | GENSET7-8 | OP-UA2 | PBR 106.511 | Increase operating hours from 850 to 876 hrs/yr |
| 3 | SIG-B | No | GENSET9-11 | OP-UA2 | 140752 | Increase operating hours from 4,400 to 8,760 hrs/y |
| 4 | SIG-B | Yes | GENSET12 | OP-UA2 | 140752 | Addition of a new emission unit |
| 5 | SIG-B | No | GENSET13 | OP-UA2 | PBR 106.511 | Increase operating hours from 660 to 876 hrs/yr |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 3**
**Texas Commission on Environmental Quality**

| | | |
|---|---|---|
| Date: 08/01/2024 | | |
| Permit No.: O-3896 | | |
| Regulated Entity No.: RN109220137 | | |
| Company Name: Blaine Larsen Farms, Inc. | | |
| **I.** | **Significant Revision** *(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)* | |
| A. | Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? | ☒ YES ☐ NO |
| B. | Indicate the alternate language(s) in which public notice is required: Spanish | |
| C. | Will, there be a change in air pollutant emissions as a result of the significant revision? | ☑ YES ☐ NO |

**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 3**
**Texas Commission on Environmental Quality**

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

| Pollutant | Description of the Change in Pollutant Emissions |
|---|---|
| NOx | Increase from 205.08 tpy to 204.07 tpy and remains classified as a NOx major |
| SO2 | Decrease from 10.57 to 0.67 tpy |
| CO | Increase from 45.41 tpy to 53.15 tpy |
| PM10/PM2.5 | Increase from 1.12 tpy to 0.62 tpy |
| VOC | Increase from 17.24 tpy to 77.80 tpy |
| HAPS | Increase from 9.59 tpy to 20.33 tpy |
| Formaldehyde | Increase from 7.18 tpy to 14.41 tpy, and resulting in re-classification as a HAP major |
| | |
| | |
| | |

Print Form  Reset Form

**From:** Alfredo Mendoza
**Sent:** Thursday, September 5, 2024 11:31 AM
**To:** twarnack@intera.com
**Subject:** Technical Review - Blaine Larsen Farms, Inc., Power Generating Facility Plant 1, permit O3896/project 36952

Mr. Warnack,

I have been assigned to review the Title V significant revision application submitted for the Blaine Larsen Farms, Inc., Power Generating Facility Plant 1. This permit application has been assigned project number 36952.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at Where to Submit FOP Applications and Permit-Related Documents.

I will begin my technical review of the application within the next 1-2 weeks. If there is any additional information I need to complete my review, I will convey that information as soon as possible. If you have any questions regarding the review process, please let me know.

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Thanks,

Alfredo Mendoza, P.E.

Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph:  (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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https://www.tceq.texas.gov/customersurvey

## Carolyn Thomas

**From:** eNotice TCEQ
**Sent:** Tuesday, August 6, 2024 1:14 PM
**To:** kevin.sparks@senate.texas.gov; John.smithee@house.texas.gov
**Subject:** TCEQ Notice - Permit Number O3896
**Attachments:** TCEQ Notice - O3896_36952.pdf

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at http://www.tceq.state.tx.us/help/policies/electronic_info_policy.html.

Questions regarding this email may be submitted either by replying directly to this email or by calling Mr. Jesse Chacon, P.E. with the Air Permits Division at (512) 239-5759.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (http://get.adobe.com/reader) to download the free Adobe Acrobat Reader software.

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

August 6, 2024

THE HONORABLE KEVIN SPARKS
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Significant Revision Application
Project Number: 36952
Permit Number: O3896
Blaine Larsen Farms, Inc.
Larsen Farms Power Generating Facility Plant No. 1
Dalhart, Hartley County
Regulated Entity Number: RN109220137
Customer Reference Number: CN604538777

Dear Senator Sparks:

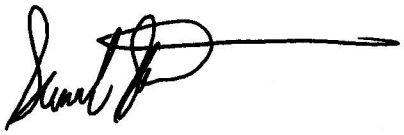
This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) significant revision application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-102.893888,35.933055&level=13.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site. The FOP identifies and codifies air emission requirements (known as applicable requirements) that apply to the emission units at the site. The FOP does not authorize construction of emission units or emissions from those units. The New Source Review (NSR) permit is the mechanism for these authorizations.

Re: Accepted Federal Operating Permit Significant Revision Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,



Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

August 6, 2024

THE HONORABLE JOHN T SMITHEE
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Significant Revision Application
Project Number: 36952
Permit Number: O3896
Blaine Larsen Farms, Inc.
Larsen Farms Power Generating Facility Plant No. 1
Dalhart, Hartley County
Regulated Entity Number: RN109220137
Customer Reference Number: CN604538777

Dear Representative Smithee:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) significant revision application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-102.893888,35.933055&level=13.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

## Carolyn Thomas

**From:** Johnny Bowers
**Sent:** Friday, August 2, 2024 7:30 AM
**To:** Carolyn Thomas
**Subject:** FW: STEERS Title V Application Submittal (New Application)

Please process. Thanks!

-----Original Message-----
From: steers@tceq.texas.gov <steers@tceq.texas.gov>
Sent: Thursday, August 1, 2024 11:28 AM
To: RFCAIR1 <RFCAIR1@tceq.texas.gov>; TVAPPS <tvapps@tceq.texas.gov>
Subject: STEERS Title V Application Submittal (New Application)

The TV-E application has been successfully submitted by BLAINE LARSEN. The submittal was received at 08/01/2024 11:27 AM.

The Reference number for this submittal is 671154

The confirmation number for this submittal is 554373.
The Area ID for this submittal is 3896.
The Project ID for this submittal is 36952.
The hash code for this submittal is CBE7AC80019509598A4879D0068CF031A96F1E7592801B84AA6328FB968E89DB.

You may access the original application submittal and the notice of final action documents from the COR Viewer which is available at https://ida.tceq.texas.gov/steersstaff/index.cfm?fuseaction=openadmin.submitlog&newsearch=yes.

If you have any questions, please contact the STEERS Help Line at 512-239-6925 or by e-mail at steers@tceq.texas.gov.

FINAL REPORT

# Application for Renewal and Significant Revision of a Federal Site Operating Permit

## Blaine Larsen Farms, Inc.

## Account No. HI-A001-A

## Permit No. O-3896

Prepared for:

Blaine Larsen Farms, Inc.
12295 County Road 11
Dalhart, Texas 79022

Prepared by:

INTERA Incorporated
9600 Great Hills Trail, Suite 300W
Austin, Texas, 78759

JULY 2024

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# Acronyms and Abbreviations

| | |
|---|---|
| °F | Degrees Fahrenheit |
| 30 TAC | Chapter 30 of the Texas Administrative Code |
| 40 CFR | Title 40 of the Code of Federal Regulations |
| AFR | Air-to-Fuel Ratio |
| BACT | Best Available Control Technology |
| bhp | brake horsepower |
| BTU | British Thermal Unit |
| CO | Carbon Monoxide |
| CPMS | Continuous Parameter Monitoring System |
| EGU | Electric Generating Unit |
| HAPs | Hazardous Air Pollutants |
| HCHO | Formaldehyde |
| hp | horsepower |
| hr | Hour |
| kW | kilowatt |
| kWhr | kilowatt-hour |
| Larsen Farms | Blaine Larsen Farms, Inc. |
| MMBTU | Million British Thermal Units |
| NAAQS | National Ambient Air Quality Standards |
| $NO_X$ | Nitrogen Oxides |
| NSCR | Non-Selective Catalytic Reduction |
| NSPS | New Source Performance Standards |
| PBR | Permit by Rule |
| PM | Particulate Matter |
| $PM_{10}$ | PM with diameter less than 10 microns |
| $PM_{2.5}$ | PM with diameter less than 2.5 microns |
| ppm | parts per million |
| PTE | Potential to Emit |
| QA/QC | Quality Assurance / Quality Control |
| RICE | Reciprocating Internal Combustion Engines |
| $SO_2$ | Sulfur Dioxide |
| SOP | Site Operating Permit |
| TCEQ | Texas Commission on Environmental Quality |
| TPY | Tons Per Year |
| VOCs | Volatile Organic Compounds |

# 1.0 Introduction

Blaine Larsen Farms, Inc. (Larsen Farms) owns and operates a power generating site located at 12995 County Road 11 in Dalhart, Hartley County, Texas, an area designated as being in attainment or unclassifiable for all criteria pollutants under the National Ambient Air Quality Standards (NAAQS). The site contains multiple electrical generating facilities that support agricultural operations. These electrical generating facilities are currently authorized under its unregistered Permit by Rule (PBR) under Title 30 of the Texas Administrative Code (30 TAC) §106.511 (Portable and Emergency Engines and Turbines) and Standard Permit No. 140752 under 30 TAC §116 Subchapter F Electric Generating Unit (EGU) Standard Permit 6005.

The purpose of this application is to 1) apply to renew the Site Operating Permit (SOP) as required by September 9, 2024, and 2) submit a Significant Revision to incorporate changes as reflected in the preconstruction authorizations that were either voided or amended and reissued on January 31, 2024.

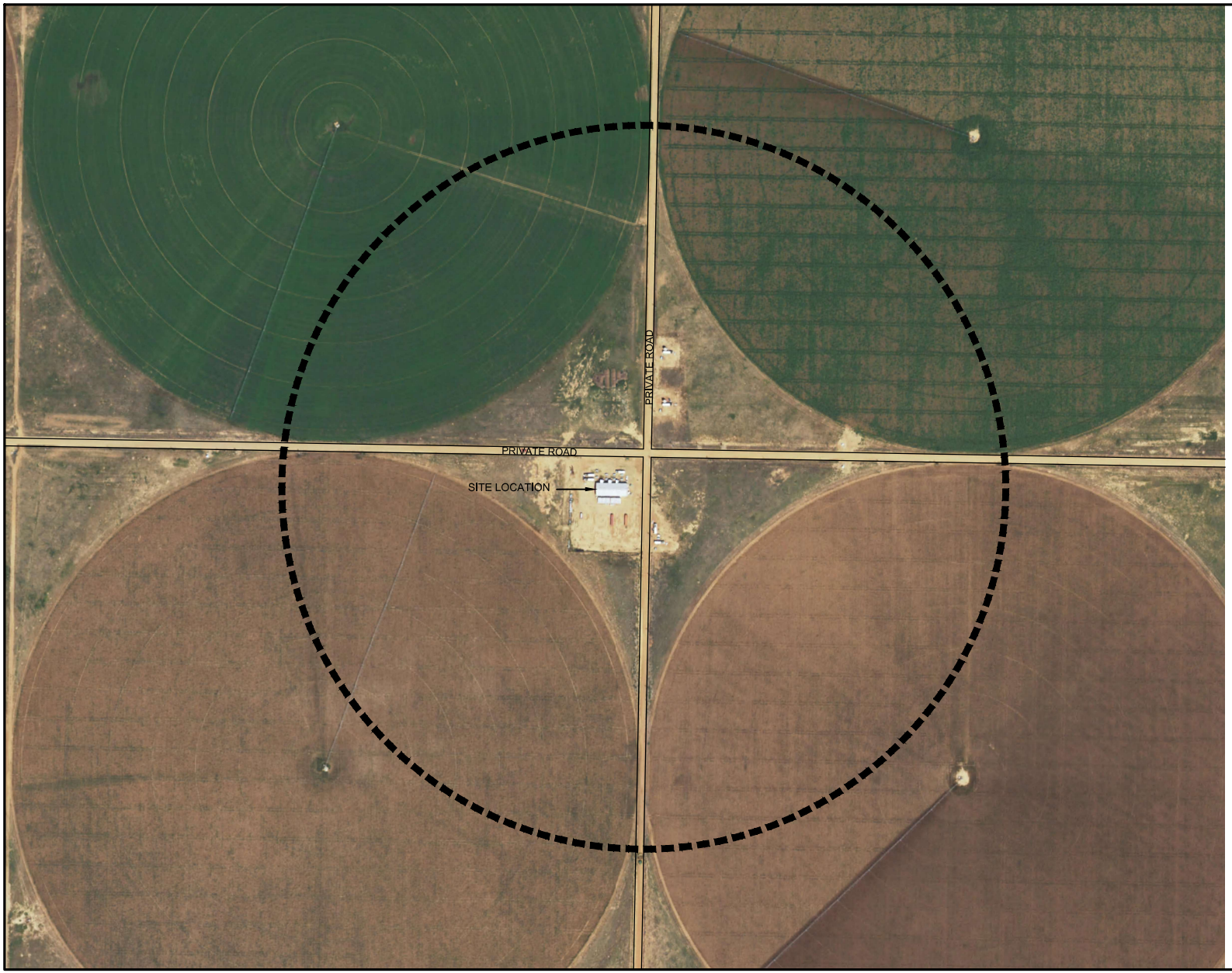
Specifically, this application package reflects the following revisions to the site's facilities:

- The incorporation of the recently revised Standard Permit No. 140752, approved on January 31, 2024, including the changes as follows:
  - The voidance of PBR registration No. 140767.
  - The removal of PBR registration No. 140767 for EPN/FIN: GENSET7-8 and the reauthorization under unregistered PBR §106.511.
  - The removal of PBR registration No. 140767 for EPN/FIN: GENSET9-11 and the reauthorization under Standard Permit No. 140752.
  - The addition of EPN/FIN: GENSET12, a fourth EGU that is similar to EPN/FIN: GENSET9-11 to the Standard Permit No. 140752.
  - An increase in emissions for EPN/FIN: GENSET1-GENSET6, GENSET9-GENSET11, and GENSET13 due to higher allowable operating hours; EPN/FIN: GENSET13 will retain its authorization status under an unregistered PBR 30 TAC §106.511 (Portable and Emergency Engines and Turbines).
  - An increase in emissions for EPN/FIN: GENSET7-8 as these engines are reclassified as emergency use engines and are allowed to operate up to 10% of the site's maximum operating hours, specifically 876 hours per year.
  - An increase in emissions for EPN/FIN: GENSET13 due to higher allowable operating hours (increase in primary power site operating hours to 8,760); EPN/FIN: GENSET13 will retain its authorization status under an unregistered PBR 30 TAC §106.511 (Portable and Emergency Engines and Turbines).
  - The addition of EPN/FIN: GENSET12 to the emission group 'GRPSTARICE', comprising EPN/FIN: GENSET9-11.

- The reclassification of this site as Title V major sources of both nitrogen oxides ($NO_X$) and hazardous air pollutants (HAPs). This site is currently classified as a Title V major source of $NO_X$ and will be classified as a major source of HAPs due to the potential to emit (PTE) of formaldehyde (HCHO), a federally classified HAP, at a rate greater than 10 tons per year (TPY).
- 40 CFR Part 63, Subpart ZZZZ (National Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines) major source considerations becoming applicable due to the site becoming a major source of HAPs.

Changes in the emissions and emission units along with the calculation methodologies are detailed in Section 6.0. As per rule 122.132(d), the identification and basis of each potentially applicable requirement is further discussed in Sections 7.0 through 8.0.

# 2.0 Area Map




N

400 200 0 400

(SCALE IN FEET)

LEGEND

3000 FT RADIUS

Aerial Photo Source:
TNRIS - United States Department of Agriculture (USDA)
Dated 05-09-2022

| REV. | DATE | DESCRIPTION | DR BY | APP BY |
|---|---|---|---|---|
| | | | | |

INTERA

9600 GREAT HILLS PLAZA, SUITE 300W
AUSTIN, TEXAS 78759 USA 512-425-2000
TEXAS REGISTERED ENGINEERING FIRM F-4722

PROJECT:
BLAINE LARSEN FARMS, INC.
DALHART, TEXAS

SHEET TITLE:
AREA MAP

| | | | |
|---|---|---|---|
| DES BY | TW | | SCALE: SEE BAR SCALE |
| DR BY | SDB | | PROJ. NO. LARSN.M002.TITLEV |
| CHK BY | LSY | | DWG NO. 003 |
| APP BY | TW | | SHEET 1 OF 1 SHEETS |
| DATE ISSUED: 05-29-2024 | | | FIGURE NO. 2-1 |
| PURPOSE: - | | | |

S:\AUS\LARSN.M002.TITLEV\CAD\LARSN.M002.TITLEV_003 Fig 2-1 Area Map.dwg

# 3.0 Plot Plan




N

120 60 0 120

(SCALE IN FEET)

Aerial Photo Source:
TNRIS - United States Department of Agriculture (USDA)
Dated 05-09-2022

| REV. | DATE | DESCRIPTION | DR BY | APP BY |
|---|---|---|---|---|
| | | | | |

INTERA
9600 GREAT HILLS PLAZA, SUITE 300W
AUSTIN, TEXAS 78759 USA 512-425-2000
TEXAS REGISTERED ENGINEERING FIRM F-4722

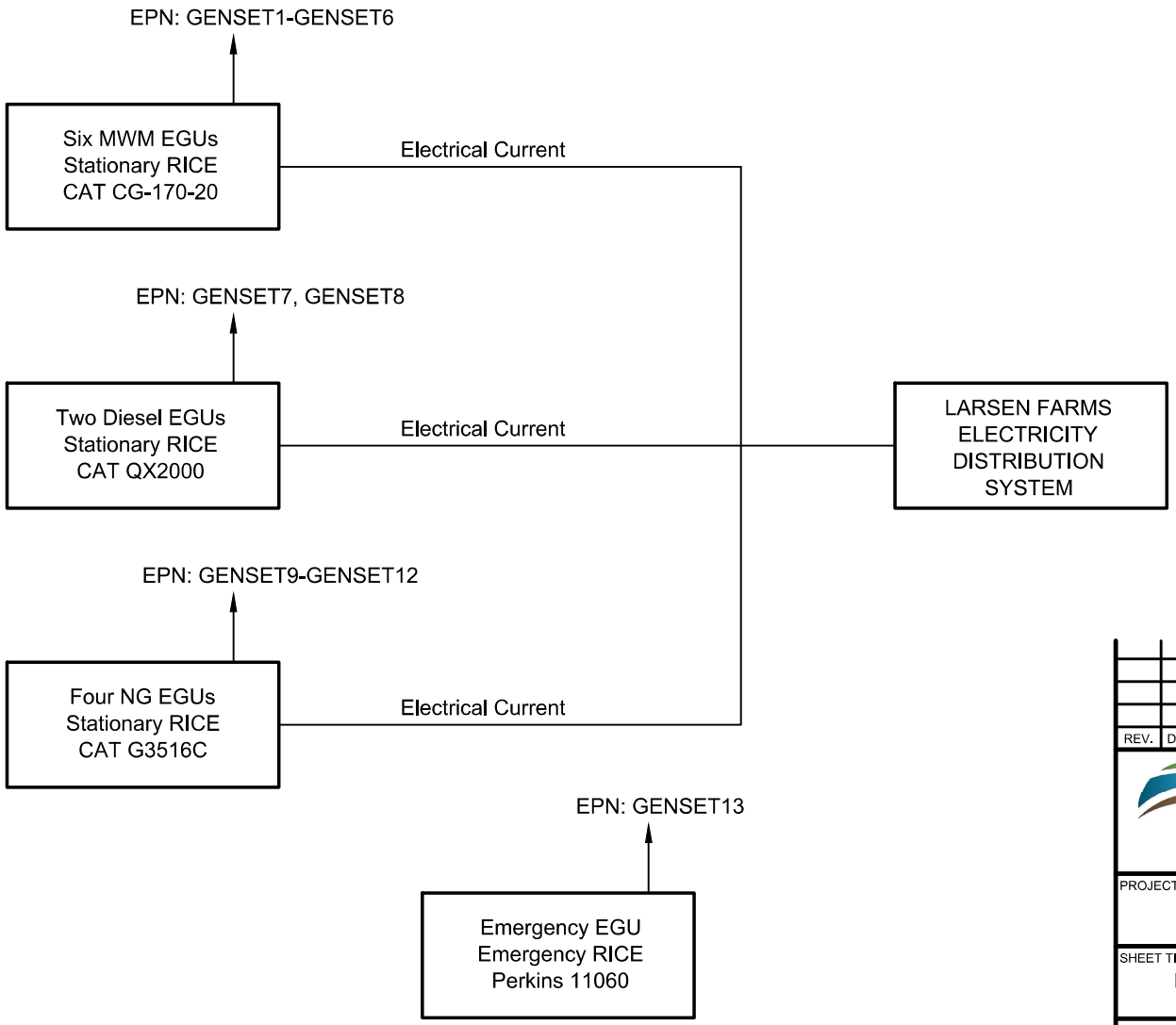
PROJECT:
BLAINE LARSEN FARMS, INC.
DALHART, TEXAS

SHEET TITLE:
PLOT PLAN

| | | | |
|---|---|---|---|
| DES BY | TW | | SCALE: SEE BAR SCALE |
| DR BY | SDB | | PROJ. NO. LARSN.M002.TITLEV |
| CHK BY | LSY | | DWG NO.002 |
| APP BY | TW | | SHEET 1 OF 1 SHEETS |
| DATE ISSUED: 02-23-21024 | | | FIGURE NO. 3-1 |
| PURPOSE: - | | | |

S:\AUS\LARSN.M002.TITLEV\CAD\LARSN.M002.TITLEV_002 Fig 3-1 Plot Plan.dwg

# 4.0 Process Flow Diagram




| REV. | DATE | DESCRIPTION | DR BY | APP BY |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

INTERA
9600 GREAT HILLS PLAZA, SUITE 300W
AUSTIN, TEXAS 78759 USA 512-425-2000
TEXAS REGISTERED ENGINEERING FIRM F-4722

PROJECT:
BLAINE LARSEN FARMS, INC.
DALHART, TEXAS

SHEET TITLE:
POWER GENERATING PLANT No. 1
STANDARD PERMIT APPLICATION

| | | | |
|---|---|---|---|
| DES BY | TW | | SCALE: SEE BAR SCALE |
| DR BY | SDB | | PROJ. NO. LARSN.M002.TITLEV |
| CHK BY | LSY | | DWG NO. 001 |
| APP BY | TW | | SHEET 1 OF 1 SHEETS |
| DATE ISSUED: 05-29-2024 | | | FIGURE NO. 4-1 |
| PURPOSE: - | | | |

S:\AUS\LARSN.M002.TITLEV\CAD\LARSN.M002.TITLEV _001 Fig 4-1 Process Flow Diagram.dwg

# 5.0 Process Description

Larsen Farms Power Generating Facility Plant No. 1 operates ten (10) primary EGUs to produce electricity that powers the Farms' agricultural irrigation equipment. The site also has three (3) EGUs that serve as backup power generators during times of emergency and standby. The site utilizes both pipeline natural gas and ultra-low sulfur diesel fuel to power the engines that convert this fuel into mechanical power via combustion. Generators then convert this mechanical energy into usable electrical power. The products of combustion include $NO_X$, carbon monoxide (CO), sulfur dioxide ($SO_2$), particulate matter (PM), PM with an aerodynamic diameter less than 10 microns ($PM_{10}$), PM with an aerodynamic diameter less than 2.5 microns ($PM_{2.5}$), volatile organic compounds (VOCs), and HAPs. EPN/FIN: GENSET1-6 and GENSET9-12 are equipped with oxidation catalysts in order to control CO and HCHO emissions. EPN/FIN: GENSET1-6 and GENSET9-12 also utilize air-to-fuel ratio (AFR) controllers to manage temperature of the engine pistons relatively low which affects engine performance and indirectly controls thermal $NO_X$ formation. Each engine has its own dedicated stack from which pollutants are emitted into the atmosphere. The site primarily operates a combination of EPN/FIN: GENSET1-6 and GENSET9-12 to generate the amount of electricity that is required to run their agricultural operations. During times of emergency or standby, when any of the primary sources of electricity are unavailable or the electrical grid become unstable, EPN/FIN: GENSET7 and GENSET8 are utilized until the primary generators can be brought back online or conditions stabilize. GENSET13 is used to energize the Generation Plant building when a major blackout occurs to restart the power generation process. EPN/FIN: GENSET1-6 and GENSET9-12 are currently authorized under Standard Permit No. 140752; EPN/FIN: GENSET7, GENSET8, and GENSET13 are authorized under unregistered PBR 30 TAC §106.511.

A summary of the engines is included in **Table 5.1.**

**Table 5.1. Engine Information**

| EGU EPN / FIN | Engine Type | Size (hp) | Fuel | Control Device |
|---|---|---|---|---|
| GENSET1 | CG170V20 | 2,800 | Natural Gas | Oxidation Catalyst / AFR Controllers |
| GENSET2 | CG170V20 | 2,800 | Natural Gas | Oxidation Catalyst / AFR Controllers |
| GENSET3 | CG170V20 | 2,800 | Natural Gas | Oxidation Catalyst / AFR Controllers |
| GENSET4 | CG170V20 | 2,800 | Natural Gas | Oxidation Catalyst / AFR Controllers |
| GENSET5 | CG170V20 | 2,800 | Natural Gas | Oxidation Catalyst / AFR Controllers |
| GENSET6 | CG170V20 | 2,800 | Natural Gas | Oxidation Catalyst / AFR Controllers |
| GENSET7 | XQ2000 | 2,628 | Diesel | - |
| GENSET8 | XQ2000 | 2,628 | Diesel | - |
| GENSET9 | G3516C | 2,175 | Natural Gas | Oxidation Catalyst / AFR Controllers |
| GENSET10 | G3516C | 2,175 | Natural Gas | Oxidation Catalyst / AFR Controllers |
| GENSET11 | G3516C | 2,175 | Natural Gas | Oxidation Catalyst / AFR Controllers |
| GENSET12 | G3516C | 2,175 | Natural Gas | Oxidation Catalyst / AFR Controllers |
| GENSET13 | 1106D-E66TAG4 | 274 | Diesel | - |

# 6.0 Changes in Emission Units and Emissions Calculations

The engines at the site produce pollutants as byproducts of combustion. All calculations assume that the engines are running at their 100% load settings for the entirety of their operating hours. GENSET1-6 and GENSET9-12 fire natural gas; GENSET7, GENSET8, and GENSET13 fire No.2 ultra-low sulfur diesel. This section is included to explain the approach and methodology to developing emissions estimates for the electric-generating facilities.

Changes in emissions from each EGU are derived from higher allowable operating hours per year (Table 6.1. Changes in operating hours per year for each EGU) and updates of calculation methodologies. Description of the emissions affected by the change of each EGU, and the associated emissions calculations are further provided in Sections 6.1 through 6.6.

Table 6.0. Changes in operating hours per year for each EGU

| EGU EPN / FIN | Operating Hours per Year | |
|---|---|---|
| | Prior to January 2024 | Authorized as of January 2024 |
| GENSET1 | 6,600 | 8,760 |
| GENSET2 | 6,600 | 8,760 |
| GENSET3 | 6,600 | 8,760 |
| GENSET4 | 6,600 | 8,760 |
| GENSET5 | 6,600 | 8,760 |
| GENSET6 | 6,600 | 8,760 |
| GENSET7 | 850 | 876 |
| GENSET8 | 850 | 876 |
| GENSET9 | 4,400 | 8,760 |
| GENSET10 | 4,400 | 8,760 |
| GENSET11 | 4,400 | 8,760 |
| GENSET12 | - | 8,760 |
| GENSET13 | 660 | 876 |

## 6.1 $NO_X$ Emissions Calculations

GENSET1-6

$NO_X$ emissions from GENSET1-6 are estimated using the TCEQ Tier I BACT Standard:

$$2{,}800\ bhp * \frac{0.5\ grams\ NO_X}{bhp - hour} * \frac{pounds}{454\ grams} * \frac{ton}{2{,}000\ pounds} * 8{,}760 \frac{hours}{year} = \frac{13.51\ tons\ NO_X}{year}$$

Where:

bhp = brake horsepower of the GENSET1-6 engines

GENSET7-8

$NO_X$ emissions from GENSET7-8 are estimated using the manufacturer guarantee:

$$2{,}628\ bhp * \frac{7.68\ grams\ NO_X}{bhp - hour} * \frac{pounds}{454\ grams} * \frac{ton}{2{,}000\ pounds} * 876 \frac{hours}{year} = \frac{19.47\ tons\ NO_X}{year}$$

Where:

bhp = brake horsepower of the GENSET7-8 engines

GENSET9-12

$NO_X$ emissions from GENSET9-12 are estimated using the NSPS 40 CFR Part 60 Subpart JJJJ Standard:

$$2{,}175\ bhp * \frac{1\ g\ NO_X}{bhp - hour} * \frac{pounds}{454\ grams} * \frac{ton}{2{,}000\ pounds} * 8{,}760 \frac{hours}{year} = \frac{20.09\ tons\ NO_X}{year}$$

Where:

bhp = brake horsepower of the GENSET9-12 engines

GENSET13

$NO_X$ emissions from GENSET13 are estimated using the appropriate AP-42 Emission Factor[1]:

$$274\ bhp * \frac{0.031\ pounds\ NO_X}{bhp - hour} * \frac{ton}{2{,}000\ pounds} * 876 \frac{hours}{year} = \frac{3.72\ tons\ NO_X}{year}$$

Where:

bhp = brake horsepower of the GENSET13 engine

[1] Table 3.3-1

**Table 6.1**

## $NO_x$ Emissions from Larsen Farms Power Generating Equipment

| Line Item Number | Engine Number | Engine Type | Electrical Output (kw) | Engine Output (bhp) | NOx Emissions (g/hp-hr, Tier I BACT) |
|---|---|---|---|---|---|
| A. PLQ Gas Fired Stationary - Central | | | | | |
| GENSET1 | 2210746 | CG 170V20 | 2,056 | 2,800 | 0.500 |
| GENSET2 | 2210742 | CG 170V20 | 2,056 | 2,800 | 0.500 |
| GENSET3 | 2210726 | CG 170V20 | 2,056 | 2,800 | 0.500 |
| GENSET4 | 2210750 | CG 170V20 | 2,056 | 2,800 | 0.500 |
| GENSET5 | 2210728 | CG 170V20 | 2,056 | 2,800 | 0.500 |
| GENSET6 | 2210889 | CG 170V20 | 2,056 | 2,800 | 0.500 |
| | | | | | |
| B. ULS Diesel Fueled Transportable - Central | | | | | NOx Emissions (g/hp-hr, engine technical specification) |
| GENSET7 | BPD00288 | XQ2000 | 1,825 | 2,628 | 7.68 |
| GENSET8 | BPD00289 | XQ2000 | 1,825 | 2,628 | 7.68 |
| | | | | | |
| C. PLG Gas Fired Transportable - Central Rental | | | | | lb NOx/MWhr Standard Permit Standard |
| GENSET9 | XQ1475G | G3516C | 1,475 | 2,175 | 3.11 |
| GENSET10 | XQ1475G | G3516C | 1,475 | 2,175 | 3.11 |
| GENSET11 | XQ1475G | G3516C | 1,475 | 2,175 | 3.11 |
| GENSET12 | XQ1475G | G3516C | 1,475 | 2,175 | 3.11 |
| | | | | | |
| D. ULS Diesel Fueled Emergency (4 Stroke, Compression Ignition, Tier 3, 2007) | | | | | NOx AP-42 3.3-1 Emission Factor (lb/hp-hr) |
| GENSET13 | U025878U PJ38421 | 1106D-E66TAG4 | 175 | 274 | 0.031 |
| | | | | | |

## $NO_X$ Emissions

| Engine Number | Engine Hours | Engine NOx (tpy) | Engine $NO_x$ (lb/hr) |
|---|---|---|---|
| **Subtotal** | **52,560** | **81.04** | **18.50** |
| GENSET1 | 8,760 | 13.51 | 3.08 |
| GENSET2 | 8,760 | 13.51 | 3.08 |
| GENSET3 | 8,760 | 13.51 | 3.08 |
| GENSET4 | 8,760 | 13.51 | 3.08 |
| GENSET5 | 8,760 | 13.51 | 3.08 |
| GENSET6 | 8,760 | 13.51 | 3.08 |
| | | | |
| **Subtotal** | **1,752** | **38.94** | **88.91** |
| GENSET7 | 876 | 19.47 | 44.46 |
| GENSET8 | 876 | 19.47 | 44.46 |
| | | | |
| **Subtotal** | **35,040** | **80.37** | **18.35** |
| GENSET9 | 8,760 | 20.09 | 4.59 |
| GENSET10 | 8,760 | 20.09 | 4.59 |
| GENSET11 | 8,760 | 20.09 | 4.59 |
| GENSET12 | 8,760 | 20.09 | 4.59 |
| | | | |
| **Subtotal** | **876** | **3.72** | **8.49** |
| GENSET13 | 876 | 3.72 | 8.49 |
| **Total Site** | **90,228** | **204.07** | **134.26** |

## 6.2 $SO_2$ Emissions Calculations

GENSET1-6

$SO_2$ emissions from GENSET1-6 are estimated using the appropriate AP-42 Emission Factor[2]:

$$16.4\ \frac{MMBTU}{hour} * \frac{5.88x10^{-4}\ pounds\ SO_2}{MMBTU} * \frac{ton}{2{,}000\ pounds} * 8{,}760\frac{hours}{year} = \frac{0.04\ tons\ SO_2}{year}$$

Where:

MMBTU = Million British Thermal Units

GENSET7-8

$SO_2$ emissions from GENSET7-8 are estimated using the appropriate AP-42 Emission Factor[3]:

$$2{,}628\ bhp * \frac{8.09x10^{-3}\ pounds\ SO_2}{bhp - hour} * S_1 * \frac{100}{10^6} * \frac{ton}{2{,}000\ pounds} *\ 876\frac{hours}{year} = \frac{0.01\ tons\ SO_2}{year}$$

Where:

bhp = brake horsepower of the GENSET7-8 engines

$S_1$ = fuel sulfur content (15 ppm)

GENSET9-12

$SO_2$ emissions from GENSET9-12 are estimated using manufacturer information and the appropriate AP-42 Emission Factor[4]:

$$2{,}175\ bhp * \frac{6{,}293\ BTU}{bhp - hour} * \frac{MMBTU}{10^6 BTU} * \frac{5.88\ x\ 10^{-4}\ pounds\ SO_2}{MMBTU} * \frac{ton}{2{,}000\ pounds} *\ 8{,}760\frac{hours}{year} = \frac{0.04\ tons\ SO_X}{year}$$

Where:

bhp = brake horsepower of the GENSET9-12 engines

MMBTU = Million British Thermal Units

BTU = British Thermal Unit

GENSET13

$SO_2$ emissions from GENSET13 are estimated using the appropriate AP-42 Emissions Factor[5]:

$$274\ bhp * \frac{2.05x10^{-3}\ pounds\ SO_2}{bhp - hr} * \frac{ton}{2{,}000\ pounds} * 876\frac{hours}{year} = \frac{0.25\ tons\ SO_2}{year}$$

Where:

bhp = brake horsepower of the GENSET13 engine

[2] Table 3.2-2
[3] Table 3.4-1
[4] Table 3.2-2
[5] Table 3.3-1

Table 6.2

## $SO_2$ Emissions from Larsen Farms Power Generating Equipment

| Line Item Number | Engine Number | Engine Type | Electrical Output (kw) | Engine Output (bhp) | Natural Gas Heat Content (Btu/scf) | BTU/bhp-hr | Qzu (KW) | Heat Input (Btu/hr) | $SO_2$ Emission Factor (lb/MMBtu fuel input, AP-42 Table 3.2-2) |
|---|---|---|---|---|---|---|---|---|---|
| A. PLQ Gas Fired Stationary - Central | | | | | | | | | |
| GENSET1 | 2210746 | CG 170V20 | 2,056 | 2,800 | 1,020 | 5,870 | 4,817 | 16,435,604 | 0.000588 |
| GENSET2 | 2210742 | CG 170V20 | 2,056 | 2,800 | 1,020 | 5,870 | 4,817 | 16,435,604 | 0.000588 |
| GENSET3 | 2210726 | CG 170V20 | 2,056 | 2,800 | 1,020 | 5,870 | 4,817 | 16,435,604 | 0.000588 |
| GENSET4 | 2210750 | CG 170V20 | 2,056 | 2,800 | 1,020 | 5,870 | 4,817 | 16,435,604 | 0.000588 |
| GENSET5 | 2210728 | CG 170V20 | 2,056 | 2,800 | 1,020 | 5,870 | 4,817 | 16,435,604 | 0.000588 |
| GENSET6 | 2210889 | CG 170V20 | 2,056 | 2,800 | 1,020 | 5,870 | 4,817 | 16,435,604 | 0.000588 |
| | | | | | | | | | |
| B. Diesel Fueled Transportable - Central | | | | Engine Output (bhp) | Fuel Sulfur Content (ppm) | ULS Fuel Use (gpm) | $SO_2$ Emission Factor (AP-42 Table 3.4-1, lb/hp-hr power output) | | |
| GENSET7 | BPD00288 | XQ2000 | 1,825 | 2,628 | 15 | 0.24 | 1.21E-05 | | |
| GENSET8 | BPD00289 | XQ2000 | 1,825 | 2,628 | 15 | 0.24 | 1.21E-05 | | |
| | | | | | | | | | |
| C. PLG Gas Fired Transportable - Central Rental | | | | Engine Output (bhp) | BTU/bhp-hr | Natural Gas Heat Content (btu/scf) | $SO_2$ Emission Factor (lb/MMBtu fuel input, AP-42 Table 3.2-2) | | |
| GENSET9 | XQ1475G | G3516C | 1,475 | 2,175 | 6,293 | 1,020 | 0.000588 | | |
| GENSET10 | XQ1475G | G3516C | 1,475 | 2,175 | 6,293 | 1,020 | 0.000588 | | |
| GENSET11 | XQ1475G | G3516C | 1,475 | 2,175 | 6,293 | 1,020 | 0.000588 | | |
| GENSET12 | XQ1475G | G3516C | 1,475 | 2,175 | 6,293 | 1,020 | 0.000588 | | |
| | | | | | | | | | |
| D. ULS Diesel Fueled Emergency (4 Stroke, Compression Ignition, Tier 3, 2007) | | | | Engine Output (bhp) | $SO_2$ AP-42 3.3-1 Emission Factor (lb/hp-hr) | | | | |
| GENSET13 | U025878U PJ38421 | 1106D-E66TAG4 | 175 | 274 | 0.00205 | | | | |
| | | | | | | | | | |

## $SO_2$ Emissions

| Engine Number | Engine Hours | Engine $SO_2$ (tpy) | $SO_2$ (lb/hr) |
|---|---|---|---|
| **Subtotal** | **52,560** | **0.25** | **0.06** |
| GENSET1 | 8,760 | 0.04 | 0.01 |
| GENSET2 | 8,760 | 0.04 | 0.01 |
| GENSET3 | 8,760 | 0.04 | 0.01 |
| GENSET4 | 8,760 | 0.04 | 0.01 |
| GENSET5 | 8,760 | 0.04 | 0.01 |
| GENSET6 | 8,760 | 0.04 | 0.01 |
| | | | |
| **Subtotal** | **1,752** | **0.03** | **0.06** |
| GENSET7 | 876 | 0.01 | 0.03 |
| GENSET8 | 876 | 0.01 | 0.03 |
| | | | |
| **Subtotal** | **35,040** | **0.14** | **0.03** |
| GENSET9 | 8,760 | 0.04 | 0.01 |
| GENSET10 | 8,760 | 0.04 | 0.01 |
| GENSET11 | 8,760 | 0.04 | 0.01 |
| GENSET12 | 8,760 | 0.04 | 0.01 |
| | | | |
| **Subtotal** | **876** | **0.25** | **0.56** |
| GENSET13 | 876 | 0.25 | 0.56 |
| **Total Site** | **90,228** | **0.67** | **0.72** |

## 6.3 CO Emissions Calculations

GENSET1-6

CO emissions from GENSET1-6 are estimated using the 40 CFR Part 60 Subpart JJJJ Standard:

$$2{,}800\ bhp * \frac{2\ grams\ CO}{bhp - hour} * \frac{pounds}{454\ grams} * \frac{ton}{2{,}000\ pounds} * 8{,}760 \frac{hours}{year} * (1 - 90\%\ control) = \frac{5.4\ tons\ CO}{year}$$

Where:

bhp = brake horsepower of the GENSET1-6 engines

GENSET7-8

CO emissions from GENSET7-8 are estimated using the manufacturer guarantee:

$$2{,}628\ bhp * \frac{0.57 grams\ CO}{bhp - hour} * \frac{pounds}{454\ grams} * \frac{ton}{2{,}000\ pounds} * 876 \frac{hours}{year} = \frac{1.45\ tons\ CO}{year}$$

Where:

bhp = brake horsepower of the GENSET7-8 engines

GENSET9-12

CO emissions from GENSET9-12 are estimated using the manufacturer guarantee:

$$2{,}175\ bhp * \frac{2.03\ g\ CO}{bhp - hour} * \frac{pounds}{454\ grams} * \frac{ton}{2{,}000\ pounds} * 8{,}760 \frac{hours}{year} * (1 - 90\%\ control) = \frac{4.26\ tons\ CO}{year}$$

Where:

bhp = brake horsepower of the GENSET9-12 engines

GENSET13

CO emissions from GENSET13 are estimated using the appropriate AP-42 Emission Factor[6]:

$$274\ bhp * \frac{6.68x10^{-3}\ pounds\ CO}{bhp - hour} * \frac{ton}{2{,}000\ pounds} * 876 \frac{hours}{year} = \frac{0.8\ tons\ CO}{year}$$

Where:

bhp = brake horsepower of the GENSET13 engine

[6] Table 3.3-1

# Table 6.3

| CO Emissions from Larsen Farms Power Generating Equipment | | | | | | Uncontrolled CO Emissions | | | Controlled CO Emissions | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Line Item Number** | **Engine Number** | **Engine Type** | **Electrical Output (kw)** | **Engine Output (bhp)** | **NSPS CO Limit (g/hp-hr)** | **Engine Number** | **Engine Hours** | **Engine CO (tpy)** | **OXCAT CE (%)** | **Total (tpy)** | **Total (lb/hr)** |
| A. PLQ Gas Fired Stationary - Central | | | | | | **Subtotal** | **52,560** | **324.16** | **Subtotal** | **32.42** | **7.40** |
| GENSET1 | 2210746 | CG 170V20 | 2,056 | 2,800 | 2.0 | GENSET1 | 8,760 | 54.03 | 90 | 5.40 | 1.23 |
| GENSET2 | 2210742 | CG 170V20 | 2,056 | 2,800 | 2.0 | GENSET2 | 8,760 | 54.03 | 90 | 5.40 | 1.23 |
| GENSET3 | 2210726 | CG 170V20 | 2,056 | 2,800 | 2.0 | GENSET3 | 8,760 | 54.03 | 90 | 5.40 | 1.23 |
| GENSET4 | 2210750 | CG 170V20 | 2,056 | 2,800 | 2.0 | GENSET4 | 8,760 | 54.03 | 90 | 5.40 | 1.23 |
| GENSET5 | 2210728 | CG 170V20 | 2,056 | 2,800 | 2.0 | GENSET5 | 8,760 | 54.03 | 90 | 5.40 | 1.23 |
| GENSET6 | 2210889 | CG 170V20 | 2,056 | 2,800 | 2.0 | GENSET6 | 8,760 | 54.03 | 90 | 5.40 | 1.23 |
| | | | | | | | | | | | |
| B. Diesel Fueled Transportable - Central | | | | | CO Emissions (g/hp-hr, engine specification) | **Subtotal** | **1,752** | **2.89** | **Subtotal** | **2.89** | **6.60** |
| GENSET7 | BPD00288 | XQ2000 | 1,825 | 2,628 | 0.57 | GENSET7 | 876 | 1.445 | 0 | 1.45 | 3.30 |
| GENSET8 | BPD00289 | XQ2000 | 1,825 | 2,628 | 0.57 | GENSET8 | 876 | 1.445 | 0 | 1.45 | 3.30 |
| | | | | | | | | | | | |
| C. PLG Gas Fired Transportable - Central Rental | | | | | CO Emissions (g/hp-hr, engine specification) | **Subtotal** | **35,040** | **170.39** | **Subtotal** | **17.04** | **3.89** |
| GENSET9 | XQ1475G | G3516C | 1,475 | 2,175 | 2.03 | GENSET9 | 8,760 | 42.596 | 90 | 4.26 | 0.97 |
| GENSET10 | XQ1475G | G3516C | 1,475 | 2,175 | 2.03 | GENSET10 | 8,760 | 42.596 | 90 | 4.26 | 0.97 |
| GENSET11 | XQ1475G | G3516C | 1,475 | 2,175 | 2.03 | GENSET11 | 8,760 | 42.596 | 90 | 4.26 | 0.97 |
| GENSET12 | XQ1475G | G3516C | 1,475 | 2,175 | 2.03 | GENSET12 | 8,760 | 42.596 | 90 | 4.26 | 0.97 |
| | | | | | | | | | | | |
| D. Diesel Fueled Emergency | | | | | AP-42 3.3-1 CO Emissions (lb/hp-hr) | **Subtotal** | **876** | **0.80** | **Subtotal** | **0.80** | **1.83** |
| GENSET13 | U025878U PJ38421 | 1106D-E66TAG4 | 175 | 274 | 0.00668 | GENSET13 | 876 | 0.80 | 0 | 0.80 | 1.83 |
| | | | | | | **Total Site** | **90,228** | **498.24** | **Total Site** | **53.15** | **19.72** |

## 6.4 $PM_{10}$ and $PM_{2.5}$ Emissions Calculations

GENSET1-6

$PM_{10}$ and $PM_{2.5}$ emissions from GENSET1-6 are estimated using the appropriate AP-42 Emission Factor[7]:

$$16.4\ \frac{MMBTU}{hour} * \frac{7.71x10^{-5}\ pounds\ PM}{MMBTU} * \frac{ton}{2{,}000\ pounds} * 8{,}760\frac{hours}{year} = \frac{0.01\ tons\ PM}{year}$$

Where:

MMBTU = Million British Thermal Units

GENSET7-8

$PM_{10}$ and $PM_{2.5}$ emissions from GENSET7-8 are estimated using the manufacturer guarantee:

$$2{,}628\ bhp * \frac{0.06\ grams\ PM}{bhp - hour} * \frac{pound}{454\ grams} * \frac{ton}{2{,}000\ pounds} * 876\frac{hours}{year} = \frac{0.15\ tons\ PM}{year}$$

Where:

bhp = brake horsepower of the GENSET7-8 engines

GENSET9-12

$PM_{10}$ and $PM_{2.5}$ emissions from GENSET9-12 are estimated using manufacturer information and the appropriate AP-42 Emission Factor[8]:

$$2{,}175\ bhp * \frac{6{,}293\ BTU}{bhp - hour} * \frac{MMBTU}{10^6 BTU} * \frac{7.71\ x\ 10^{-5}\ pounds\ PM}{MMBTU} * \frac{ton}{2{,}000\ pounds} * 8{,}760\frac{hours}{year} = \frac{< 0.01\ tons\ PM}{year}$$

Where:

bhp = brake horsepower of the GENSET9-12 engines

MMBTU = Million British Thermal Units

BTU = British Thermal Unit

GENSET13

$PM_{10}$ and $PM_{2.5}$ emissions from GENSET13 are estimated using the appropriate AP-42 Emissions Factor[9]:

$$274\ bhp * \frac{2.2x10^{-3}\ pounds\ PM}{bhp - hr} * \frac{ton}{2{,}000\ pounds} * 876\frac{hours}{year} = \frac{0.26\ tons\ PM}{year}$$

Where:

bhp = brake horsepower of the GENSET13 engine

[7] Table 3.2-2
[8] Table 3.2-2
[9] Table 3.3-1

Table 6.4

## PM Emissions from Larsen Farms Power Generating Equipment

| Line Item Number | Engine Number | Engine Type | Electrical Output (kw) | Engine Output (bhp) | Qzu (KW) | Heat Input (Btu/hr) | PM Emissions (AP-42 Table 3.2-2, lb/MMBtu) |
|---|---|---|---|---|---|---|---|
| **A. PLQ Gas Fired Stationary - Central** | | | | | | | |
| GENSET1 | 2210746 | CG 170V20 | 2,056 | 2,800 | 4,817 | 16,435,604 | 7.71E-05 |
| GENSET2 | 2210742 | CG 170V20 | 2,056 | 2,800 | 4,817 | 16,435,604 | 7.71E-05 |
| GENSET3 | 2210726 | CG 170V20 | 2,056 | 2,800 | 4,817 | 16,435,604 | 7.71E-05 |
| GENSET4 | 2210750 | CG 170V20 | 2,056 | 2,800 | 4,817 | 16,435,604 | 7.71E-05 |
| GENSET5 | 2210728 | CG 170V20 | 2,056 | 2,800 | 4,817 | 16,435,604 | 7.71E-05 |
| GENSET6 | 2210889 | CG 170V20 | 2,056 | 2,800 | 4,817 | 16,435,604 | 7.71E-05 |
| **B. Diesel Fueled Transportable - Central** | | | | Engine Output (bhp) | PM Emissions (g/bhp-hr, engine technical specification ) | | |
| GENSET7 | BPD00288 | XQ2000 | 1,825 | 2,628 | 0.06 | | |
| GENSET8 | BPD00289 | XQ2000 | 1,825 | 2,628 | 0.06 | | |
| **Transportable - Central Rental** | | | Electrical Output (kw) | Engine Output (bhp) | BTU/hp-hr | PM Emissions (AP-42 Table 3.2-2, lb/MMBTU) | |
| GENSET9 | XQ1475G | G3516C | 1,475 | 2,175 | 6,293 | 7.71E-05 | |
| GENSET10 | XQ1475G | G3516C | 1,475 | 2,175 | 6,293 | 7.71E-05 | |
| GENSET11 | XQ1475G | G3516C | 1,475 | 2,175 | 6,293 | 7.71E-05 | |
| GENSET12 | XQ1475G | G3516C | 1,475 | 2,175 | 6,293 | 7.71E-05 | |
| D. Diesel Fueled Emergency | | | Electrical Output (kw) | Engine Output (bhp) | PM AP-42 3.3-1 Factor (lb/hp-hr) | | |
| GENSET13 | U025878U PJ38421 | 1106D-E66TAG4 | 175 | 274 | 0.0022 | | |
| | | | | | | | |

## PM Emissions

| Engine Number | Engine Hours | Engine PM (tons) | PM (lb/hr) |
|---|---|---|---|
| **Subtotal** | **52,560** | **0.03** | **0.01** |
| GENSET1 | 8,760 | 0.006 | 0.00 |
| GENSET2 | 8,760 | 0.006 | 0.00 |
| GENSET3 | 8,760 | 0.006 | 0.00 |
| GENSET4 | 8,760 | 0.006 | 0.00 |
| GENSET5 | 8,760 | 0.006 | 0.00 |
| GENSET6 | 8,760 | 0.006 | 0.00 |
| **Subtotal** | **1,752** | **0.30** | **0.69** |
| GENSET7 | 876 | 0.15 | 0.35 |
| GENSET8 | 876 | 0.15 | 0.35 |
| **Subtotal** | **35,040** | **0.02** | **4.2E-03** |
| GENSET9 | 8,760 | 4.6E-03 | 1.1E-03 |
| GENSET10 | 8,760 | 4.6E-03 | 1.1E-03 |
| GENSET11 | 8,760 | 4.6E-03 | 1.1E-03 |
| GENSET12 | 8,760 | 4.6E-03 | 1.1E-03 |
| **Subtotal** | **876** | **0.26** | **0.60** |
| GENSET13 | 876 | 0.26 | 0.60 |
| **Total Site** | **90,228** | **0.62** | **1.31** |

## 6.5 VOC Emissions Calculations

GENSET1-6

VOC emissions from GENSET1-6 are estimated using the 40 CFR Part 60 Subpart JJJJ Standard:

$$2{,}800\ bhp * \frac{0.7\ grams\ VOC}{bhp - hour} * \frac{pounds}{454\ grams} * \frac{ton}{2{,}000\ pounds} * 8{,}760 \frac{hours}{year} * (1 - 70\%\ control) = \frac{5.67\ tons\ VOC}{year}$$

Where:

bhp = brake horsepower of the GENSET1-6 engines

GENSET7-8

VOC emissions from GENSET7-8 are estimated using the manufacturer guarantee:

$$2{,}628\ bhp * \frac{0.13\ grams\ VOC}{bhp - hour} * \frac{pounds}{454\ grams} * \frac{ton}{2{,}000\ pounds} * 876 \frac{hours}{year} = \frac{0.33\ tons\ VOC}{year}$$

Where:

bhp = brake horsepower of the GENSET7-8 engines

GENSET9-12

VOC emissions from GENSET9-12 are estimated using the manufacturer guarantee:

$$2{,}175\ bhp * \frac{0.51\ g\ VOC}{bhp - hour} * \frac{pounds}{454\ grams} * \frac{ton}{2{,}000\ pounds} * 8{,}760 \frac{hours}{year} = \frac{10.7\ tons\ VOC}{year}$$

Where:

bhp = brake horsepower of the GENSET9-12 engines

GENSET13

CO emissions from GENSET13 are estimated using the appropriate AP-42 Emission Factor[10]:

$$274\ bhp * \frac{2.47x10^{-3}\ pounds\ VOC}{bhp - hour} * \frac{ton}{2{,}000\ pounds} * 876 \frac{hours}{year} = \frac{0.3\ tons\ VOC}{year}$$

Where:

bhp = brake horsepower of the GENSET13 engine

[10] Table 3.3-1

Table 6.5

| THC-VOC Emissions from Larsen Farms Power Generating Equipment | | | | | Uncontrolled VOC Emissions | | | Controlled VOC Emissions | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Line Item Number** | **Engine Number** | **Engine Type** | **Engine Output (bhp)** | **NSPS NENMHC Limit (g/hp-hr)** | **Engine Number** | **Engine Hours** | **Engine VOC (tpy)** | **OXCAT CE (%)** | **Total (tpy)** | **Total (lb/hr)** |
| A. PLQ Gas Fired Stationary - Central | | | | | **Subtotal** | **52,560** | **113.46** | **Subtotal** | **34.04** | **7.77** |
| GENSET1 | 2210746 | CG 170V20 | 2,800 | 0.70 | GENSET1 | 8,760 | 18.91 | 70 | 5.67 | 1.30 |
| GENSET2 | 2210742 | CG 170V20 | 2,800 | 0.70 | GENSET2 | 8,760 | 18.91 | 70 | 5.67 | 1.30 |
| GENSET3 | 2210726 | CG 170V20 | 2,800 | 0.70 | GENSET3 | 8,760 | 18.91 | 70 | 5.67 | 1.30 |
| GENSET4 | 2210750 | CG 170V20 | 2,800 | 0.70 | GENSET4 | 8,760 | 18.91 | 70 | 5.67 | 1.30 |
| GENSET5 | 2210728 | CG 170V20 | 2,800 | 0.70 | GENSET5 | 8,760 | 18.91 | 70 | 5.67 | 1.30 |
| GENSET6 | 2210889 | CG 170V20 | 2,800 | 0.70 | GENSET6 | 8,760 | 18.91 | 70 | 5.67 | 1.30 |
| | | | | | | | | | | |
| B. Diesel Fueled Transportable - Central | | | | THC Emissions (g/hp-hr, engine technical specification) | **Subtotal** | **1,752** | **0.66** | **Subtotal** | **0.66** | **1.51** |
| GENSET7 | BPD00288 | XQ2000 | 2,628 | 0.13 | GENSET7 | 876 | 0.33 | 0 | 0.33 | 0.75 |
| GENSET8 | BPD00289 | XQ2000 | 2,628 | 0.13 | GENSET8 | 876 | 0.33 | 0 | 0.33 | 0.75 |
| | | | | | | | | | | |
| C. PLG Gas Fired Transportable - Central Rental | | | | NMEHC Emissions (g/hp-hr, engine technical specification) | **Subtotal** | **35,040** | **42.81** | **Subtotal** | **42.81** | **9.77** |
| GENSET9 | XQ1475G | G3516C | 2,175 | 0.51 | GENSET9 | 8,760 | 10.70 | 0 | 10.70 | 2.44 |
| GENSET10 | XQ1475G | G3516C | 2,175 | 0.51 | GENSET10 | 8,760 | 10.70 | 0 | 10.70 | 2.44 |
| GENSET11 | XQ1475G | G3516C | 2,175 | 0.51 | GENSET11 | 8,760 | 10.70 | 0 | 10.70 | 2.44 |
| GENSET12 | XQ1475G | G3516C | 2,175 | 0.51 | GENSET12 | 8,760 | 10.70 | 0 | 10.70 | 2.44 |
| | | | | | | | | | | |
| D. Diesel Fueled Emergency | | | | AP-42 3.3.-1 THC Emissions (lb/hp-hr) | **Subtotal** | **876** | **0.30** | **Subtotal** | **0.30** | **0.68** |
| GENSET13 | U025878U PJ38421 | 1106D-E66TAG4 | 274 | 2.47E-03 | GENSET13 | 876 | 0.30 | 0 | 0.30 | 0.68 |
| | | | | | **Total Site** | **90,228** | **157.22** | **Total Site** | **77.80** | **19.73** |

## 6.6 HAP Emissions Calculations

Generally, HAP emissions for the engines are calculated using the appropriate AP-42 emissions factor. The exception to this approach is formaldehyde emissions, which are based on manufacturer guarantees for GENSET9-12. In addition, GENSET1-6 and GENSET9-12 engines are equipped with back-end oxidation catalyst that removes a percentage of formaldehyde. This section shows the approach for calculating formaldehyde emissions; however, the detailed calculation tables show the complete HAP compound emission factors and associated emission rate calculations are included in this section.

GENSET1-6

HCHO emissions from GENSET1-6 are estimated using the appropriate AP-42 emission factor[11]:

$$16.4\ \frac{MMBTU}{hour} * \frac{5.28x10^{-2}\ pounds\ HCHO}{MMBTU} * \frac{ton}{2{,}000\ pounds} * 8{,}760\frac{hours}{year} * (1 - 70\%\ control) = \frac{1.14\ tons\ HCHO}{year}$$

Where:

MMBTU = Million British Thermal Units

HCHO = Formaldehyde

GENSET7-8

HCHO emissions from GENSET7-8 are estimated using manufacturer information and the appropriate AP-42 emission factor[12]:

$$2.13\frac{gallons\ diesel}{minute} * \frac{0.14\ MMBTU}{gallon\ diesel} * \frac{7.89x10^{-5}\ pounds\ HCHO}{MMBTU\ diesel} * 60\frac{minutes}{hour} * \frac{ton}{2{,}000\ pounds} * 876\frac{hours}{year} = \frac{< 0.01\ tons\ HCHO}{year}$$

Where:

bhp = brake horsepower of the GENSET7-8 engines

GENSET9-12

HCHO emissions from GENSET9-12 are estimated using the manufacturer guarantee:

$$2{,}175\ bhp * \frac{0.53\ g\ HCHO}{bhp - hour} * \frac{pounds}{454\ grams} * \frac{ton}{2{,}000\ pounds} * 8{,}760\frac{hours}{year} * (1 - 83\%\ control) = \frac{1.89\ tons\ HCHO}{year}$$

Where:

bhp = brake horsepower of the GENSET9-12 engines

GENSET13

HCHO emissions from GENSET13 are estimated using manufacturer specifications and the appropriate AP-42 Emission Factor[13]:

$$\frac{232\ grams\ diesel}{kWhr} * \frac{pound}{454\ grams} * 175\ kW * \frac{gal\ diesel}{7.26\ pounds} * \frac{0.14\ MMBTU}{gallon\ diesel} * \frac{1.18x10^{-3}\ pounds\ HCHO}{MMBTU} * \frac{ton}{2{,}000\ pounds} * 876\frac{hours}{year} = \frac{< 0.01\ tons\ HCHO}{year}$$

[11] Table 3.2-2
[12] Table 3.4-3
[13] Table 3.3-2

Where:

bhp = brake horsepower of the GENSET13 engine

MMBTU = Million British Thermal Units

HCHO = formaldehyde

KWhr = Kilowatt hours

kW = Kilowatts

Table 6.6

## HAP Emissions from Larsen Farms Power Generating Equipment

| Speciated HAP | Designation | Table 3.2-2 Uncontrolled (lb/MMBTU) | Central Plant Natural Gas Fired Stationary | | | | | | | | Natural Gas Fired Rental Units | | | | | | Tables 3.4-3 & 4 Uncontrolled (lb/MMBTU) | Large Diesel Fueled Stationary Units | | | | Table 3.3-2 Uncontrolled (lb/MMBTU) | Diesel Industrial Engines | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | lb/hr @ rated load | tons per year (GENSET 1, post-control) | tons per year (GENSET 2, post-control) | tons per year (GENSET 3, post-control) | tons per year (GENSET 4, post-control) | tons per year (GENSET 5, post-control) | tons per year (GENSET 6, post-control) | Control Efficiency (%) | lb/hr @ rated load | tons per year (GENSET9, post-control) | tons per year (GENSET10, post-control) | tons per year (GENSET11, post-control) | tons per year (GENSET12, post-control) | Control Efficiency (%) | | lb/hr @ rated load | tons per year (GENSET7) | tons per year (GENSET8) | Control Efficiency (%) | | lb/hr @ rated load | tons per year (GENSET13) | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | Total (tpy) |
| 1,1,2-Trichloroethane | HAP | 3.18E-05 | 5.23E-04 | 6.87E-04 | 6.87E-04 | 6.87E-04 | 6.87E-04 | 6.87E-04 | 6.87E-04 | 70% | 4.35E-04 | 1.91E-03 | 1.91E-03 | 1.91E-03 | 1.91E-03 | 0% | | | | | 0% | | | | 1,1,2-Trichloroethane | 0.01 |
| 1,1-Dichloroethane (ethylidene dichloride) | HAP/VOC | 2.36E-05 | 3.88E-04 | 5.10E-04 | 5.10E-04 | 5.10E-04 | 5.10E-04 | 5.10E-04 | 5.10E-04 | 70% | 3.23E-04 | 1.41E-03 | 1.41E-03 | 1.41E-03 | 1.41E-03 | 0% | | | | | 0% | | | | 1,1-Dichloroethane (ethylidene dichloride) | 0.01 |
| 1,2-Dichloroethane (ethylene dichloride) | HAP/VOC | 2.36E-05 | 3.88E-04 | 5.10E-04 | 5.10E-04 | 5.10E-04 | 5.10E-04 | 5.10E-04 | 5.10E-04 | 70% | 3.23E-04 | 1.41E-03 | 1.41E-03 | 1.41E-03 | 1.41E-03 | 0% | | | | | 0% | | | | 1,2-Dichloroethane (ethylene dichloride) | 0.01 |
| 1,2-Dichloropropane (propylene dichloride) | HAP/VOC | 2.69E-05 | 4.42E-04 | 5.81E-04 | 5.81E-04 | 5.81E-04 | 5.81E-04 | 5.81E-04 | 5.81E-04 | 70% | 3.68E-04 | 1.61E-03 | 1.61E-03 | 1.61E-03 | 1.61E-03 | 0% | | | | | 0% | | | | 1,2-Dichloropropane (propylene dichloride) | 0.01 |
| Acetaldehyde | HAP/VOC | 8.36E-03 | 1.37E-01 | 1.81E-01 | 0.1805 | 0.1805 | 0.1805 | 0.1805 | 0.1805 | 70% | 1.14E-01 | 0.5012 | 0.5012 | 0.5012 | 0.5012 | 0% | 2.52E-05 | 5.05E-05 | 2.21E-05 | 2.21E-05 | 0% | 7.67E-04 | 1.32E-03 | 5.80E-04 | Acetaldehyde | 3.09 |
| Acrolein | HAP/VOC | 5.14E-03 | 8.45E-02 | 1.11E-01 | 1.11E-01 | 1.11E-01 | 1.11E-01 | 1.11E-01 | 1.11E-01 | 70% | 7.04E-02 | 0.3081 | 0.3081 | 0.3081 | 0.3081 | 0% | 7.88E-06 | 1.58E-05 | 6.91E-06 | 6.91E-06 | 0% | 9.25E-05 | 1.60E-04 | 6.99E-05 | Acrolein | 1.90 |
| Benzene | HAP/VOC | 4.40E-04 | 7.23E-03 | 9.50E-03 | 9.50E-03 | 9.50E-03 | 9.50E-03 | 9.50E-03 | 9.50E-03 | 70% | 6.02E-03 | 2.64E-02 | 2.64E-02 | 2.64E-02 | 2.64E-02 | 0% | 7.76E-04 | 1.55E-03 | 6.80E-04 | 6.80E-04 | 0% | 9.33E-04 | 1.61E-03 | 7.05E-04 | Benzene | 0.16 |
| Carbon tetrachloride | HAP/VOC | 3.67E-05 | 6.03E-04 | 7.93E-04 | 7.93E-04 | 7.93E-04 | 7.93E-04 | 7.93E-04 | 7.93E-04 | 70% | 5.02E-04 | 2.20E-03 | 2.20E-03 | 2.20E-03 | 2.20E-03 | 0% | | | | | 0% | | | | Carbon tetrachloride | 0.01 |
| Chlorobenzene | HAP/VOC | 3.04E-05 | 5.00E-04 | 6.57E-04 | 6.57E-04 | 6.57E-04 | 6.57E-04 | 6.57E-04 | 6.57E-04 | 70% | 4.16E-04 | 1.82E-03 | 1.82E-03 | 1.82E-03 | 1.82E-03 | 0% | | | | | 0% | | | | Chlorobenzene | 0.01 |
| Chloroethane (ethyl chloride) | HAP/VOC | 1.87E-06 | 3.07E-05 | 4.04E-05 | 4.04E-05 | 4.04E-05 | 4.04E-05 | 4.04E-05 | 4.04E-05 | 70% | 2.56E-05 | 1.12E-04 | 1.12E-04 | 1.12E-04 | 1.12E-04 | 0% | | | | | 0% | | | | Chloroethane (ethyl chloride) | 0.00 |
| Chloroform | HAP/VOC | 2.85E-05 | 4.68E-04 | 6.15E-04 | 6.15E-04 | 6.15E-04 | 6.15E-04 | 6.15E-04 | 6.15E-04 | 70% | 3.90E-04 | 1.71E-03 | 1.71E-03 | 1.71E-03 | 1.71E-03 | 0% | | | | | 0% | | | | Chloroform | 0.01 |
| Ethylbenzene | HAP/VOC | 3.97E-05 | 6.52E-04 | 8.57E-04 | 8.57E-04 | 8.57E-04 | 8.57E-04 | 8.57E-04 | 8.57E-04 | 70% | 5.43E-04 | 2.38E-03 | 2.38E-03 | 2.38E-03 | 2.38E-03 | 0% | | | | | 0% | | | | Ethylbenzene | 0.01 |
| Ethylene dibromide | HAP/VOC | 4.43E-05 | 7.28E-04 | 9.57E-04 | 9.57E-04 | 9.57E-04 | 9.57E-04 | 9.57E-04 | 9.57E-04 | 70% | 6.06E-04 | 2.66E-03 | 2.66E-03 | 2.66E-03 | 2.66E-03 | 0% | | | | | 0% | | | | Ethylene dibromide | 0.02 |
| Formaldehyde | HAP/VOC | 5.28E-02 | 2.60E-01 | 1.14E+00 | 1.1403 | 1.1403 | 1.1403 | 1.1403 | 1.1403 | 70% | 4.32E-01 | 1.8906 | 1.8906 | 1.8906 | 1.8906 | 83% | 7.89E-05 | 1.58E-04 | 6.92E-05 | 6.92E-05 | 0% | 1.18E-03 | 2.04E-03 | 8.92E-04 | Formaldehyde | 14.41 |
| Napthalene | HAP/VOC | 7.44E-05 | 1.22E-03 | 1.61E-03 | 1.61E-03 | 1.61E-03 | 1.61E-03 | 1.61E-03 | 1.61E-03 | 70% | 1.02E-03 | 4.46E-03 | 4.46E-03 | 4.46E-03 | 4.46E-03 | 0% | 1.30E-04 | 2.60E-04 | 1.14E-04 | 1.14E-04 | 0% | 8.48E-05 | 1.46E-04 | 6.41E-05 | Napthalene | 0.03 |
| n-Hexane | HAP/VOC | 1.11E-03 | 1.82E-02 | 2.40E-02 | 2.40E-02 | 2.40E-02 | 2.40E-02 | 2.40E-02 | 2.40E-02 | 70% | 1.52E-02 | 6.65E-02 | 6.65E-02 | 6.65E-02 | 6.65E-02 | 0% | | | | | 0% | | | | n-Hexane | 0.41 |
| Toluene | HAP/VOC | 4.08E-04 | 6.71E-03 | 8.81E-03 | 8.81E-03 | 8.81E-03 | 8.81E-03 | 8.81E-03 | 8.81E-03 | 70% | 5.58E-03 | 2.45E-02 | 2.45E-02 | 2.45E-02 | 2.45E-02 | 0% | 2.81E-04 | 5.63E-04 | 2.46E-04 | 2.46E-04 | 0% | 4.09E-04 | 7.06E-04 | 3.09E-04 | Toluene | 0.15 |
| Vinyl chloride | HAP/VOC | 1.49E-05 | 2.45E-04 | 3.22E-04 | 3.22E-04 | 3.22E-04 | 3.22E-04 | 3.22E-04 | 3.22E-04 | 70% | 2.04E-04 | 8.93E-04 | 8.93E-04 | 8.93E-04 | 8.93E-04 | 0% | | | | | 0% | | | | Vinyl chloride | 0.01 |
| Xylenes | HAP/VOC | 1.84E-04 | 3.02E-03 | 3.97E-03 | 3.97E-03 | 3.97E-03 | 3.97E-03 | 3.97E-03 | 3.97E-03 | 70% | 2.52E-03 | 1.10E-02 | 1.10E-02 | 1.10E-02 | 1.10E-02 | 0% | 1.93E-04 | 3.86E-04 | 1.69E-04 | 1.69E-04 | 0% | 2.85E-04 | 4.92E-04 | 2.15E-04 | Xylenes | 0.07 |
| Total | | | 0.52 | 1.49 | 1.49 | 1.49 | 1.49 | 1.49 | 1.49 | | 0.65 | 2.85 | 2.85 | 2.85 | 2.85 | | | 2.99E-03 | 1.31E-03 | 1.31E-03 | | | 6.47E-03 | 2.84E-03 | Total | 20.33 |

Table 6.7

## Summary of Annual Emissions Estimates for Larsen Farms Power Generating Equipment

| Line Item Number | Engine Number | Engine Type | Electrical Output (kw) | Engine Output (bhp) | Hours of Operation Per Year | $NO_x$ Emissions (TPY) | $SO_2$ Emissions (TPY) | CO Emissions (TPY) | PM Emissions (TPY) | NMEHC-VOC Emissions (TPY) | Total HAP Emissions (TPY) | Formaldehyde Emissions (TPY) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **A. PLQ Gas Fired Stationary - Central** | | | | | | | | | | | | |
| GENSET1 | 2210746 | CG 170V20 | 2,056 | 2,800 | 8,760 | 13.51 | 0.04 | 54.03 | 0.01 | 18.91 | 4.95 | 3.80 |
| GENSET2 | 2210742 | CG 170V20 | 2,056 | 2,800 | 8,760 | 13.51 | 0.04 | 54.03 | 0.01 | 18.91 | 4.95 | 3.80 |
| GENSET3 | 2210726 | CG 170V20 | 2,056 | 2,800 | 8,760 | 13.51 | 0.04 | 54.03 | 0.01 | 18.91 | 4.95 | 3.80 |
| GENSET4 | 2210750 | CG 170V20 | 2,056 | 2,800 | 8,760 | 13.51 | 0.04 | 54.03 | 0.01 | 18.91 | 4.95 | 3.80 |
| GENSET5 | 2210728 | CG 170V20 | 2,056 | 2,800 | 8,760 | 13.51 | 0.04 | 54.03 | 0.01 | 18.91 | 4.95 | 3.80 |
| GENSET6 | 2210889 | CG 170V20 | 2,056 | 2,800 | 8,760 | 13.51 | 0.04 | 54.03 | 0.01 | 18.91 | 4.95 | 3.80 |
| Total Uncontrolled Emissions | | | | | | 81.04 | 0.25 | 324.16 | 0.03 | 113.46 | 29.72 | 22.81 |
| Removal Eff. | | | | | | 0.00 | 0.00 | 0.90 | 0.00 | 0.70 | 0.70 | 0.70 |
| Net Controlled Emissions | | | | | | **81.04** | **0.25** | **32.42** | **0.03** | **34.04** | **8.92** | **6.84** |
| | | | | | 52,560 | | | | | | | |
| **B. ULS Diesel Fueled Transportable - Central** | | | | | | | | | | | | |
| GENSET7 | BPD00288 | XQ2000 | 1,825 | 2,628 | 876 | 19.47 | 0.01 | 1.45 | 0.15 | 0.33 | 0.00 | 0.00 |
| GENSET8 | BPD00289 | XQ2000 | 1,825 | 2,628 | 876 | 19.47 | 0.01 | 1.45 | 0.15 | 0.33 | 0.00 | 0.00 |
| | | | | | 1,752 | **38.94** | **0.03** | **2.89** | **0.30** | **0.66** | **0.00** | **0.00** |
| **C. PLG Gas Fired Transportable - Central Rental** | | | | | | | | | | | | |
| GENSET9 | XQ1475G | G3516C | 1,475 | 2,175 | 8,760 | 20.09 | 0.04 | 42.60 | 0.00 | 10.70 | 2.85 | 11.12 |
| GENSET10 | XQ1475G | G3516C | 1,475 | 2,175 | 8,760 | 20.09 | 0.04 | 42.60 | 0.00 | 10.70 | 2.85 | 11.12 |
| GENSET11 | XQ1475G | G3516C | 1,475 | 2,175 | 8,760 | 20.09 | 0.04 | 42.60 | 0.00 | 10.70 | 2.85 | 11.12 |
| GENSET12 | XQ1475G | G3516C | 1,475 | 2,175 | 8,760 | 20.09 | 0.04 | 42.60 | 0.00 | 10.70 | 2.85 | 11.12 |
| Total Uncontrolled Emissions | | | | | | 60.28 | 0.11 | 127.79 | 0.01 | 32.10 | 11.40 | 33.36 |
| Net Controlled Emissions | | | | | | **80.37** | **0.14** | **17.04** | **0.02** | **42.81** | **11.40** | **7.56** |
| | | | | | 26,280 | | | | | | | |
| **D. ULS Diesel Fueled Emergency (4 Stroke, Compression Ignition, Tier 3, 2007)** | | | | | | | | | | | | |
| GENSET13 | U025878U PJ38421 | 1106D-E66TAG4 | 175 | 274 | 876 | 3.72 | 0.25 | 0.80 | 0.26 | 0.30 | 0.00 | 0.00 |
| | | | | | | | | | | | | |
| **TOTAL EMISSIONS** | | | | | | **204.07** | **0.67** | **53.15** | **0.62** | **77.80** | **20.33** | **14.41** |

# 7.0 New Source Performance Standards (40 CFR Part 60 Subparts IIII and JJJJ)

The natural-gas fired (GENSET1-6 and GENSET9-12) engines authorized under this Title V permit will meet the requirements of 40 CFR Part 60 Subpart JJJJ for Stationary Spark Ignition Internal Combustion Engines. The diesel-fired engines (GENSET7, GENSET8, and GENSET13) authorized under 30 TAC §106.511 will meet the requirements of 40 CFR Part 60 Subpart IIII for Stationary Compression Ignition Internal Combustion Engines. The New Source Performance Standards (NSPS) requirements are discussed in the subsections herein.

## 7.1 Emissions and Operating Limitations

GENSET1-6 and GENSET9-12 will meet the emissions limitations of 2.0 g CO/bhp-hr, 1.0 g $NO_X$/bhp-hr, and 0.7 g VOC/bhp-hr over the life of the engine[14]. GENSET1-6 are certified by the manufacturer to meet these standards and will be operated and maintained according to the manufacturer's emission-related written instructions; GENSET9-12 are non-certified but are sampled for emissions every 8,760 operating hours or 3 years, whichever is shorter[15]. GENSET9-11 have been proven to meet these emissions standards through routine testing. GENSET12, when installed, will be added to the routine testing frequency, and an initial performance test will be conducted within one year of engine startup[16]. All maintenance-related activities for GENSET1-6 and GENSET9-12 will be recorded and maintained by the owner/operator to prove that the engines are kept in good working order[17].

GENSET7 and GENSET8 will meet the Tier 1 emissions standards and GENSET13 will meet the Tier 2 emissions standards[18]. Specifically, these Tier 1 standards promulgated for GENSET7 and GENSET8 are 11.4 g CO/kWhr, 9.2 g $NO_X$, 1.3 g NMHC/kWhr, and 0.5 g PM/kWhr[19]. The Tier 2 standards for GENSET13 are 3.5 g CO/kWhr, 6.6 g $NO_X$ + NMHC/kWhr, and 0.2 g PM/kWhr[20]. The diesel engines will meet the emissions standards over their operating lifetime[21]. The diesel fuel that is fired in these engines will meet the requirements of 40 CFR Part 1090.305[22]. GENSET7-8 and GENSET13 will be operated according to the manufacturer's emission related written instructions and no settings will be changed unless permitted by the manufacturer[23].

[14] 40 CFR Part 60 Subpart JJJJ Table 1, for non-emergency spark-ignited natural gas engines greater than 500 hp
[15] 40 CFR Part 60.4243(b)(2)(ii)
[16] 40 CFR Part 60.4243(b)(2)(iii)
[17] 40 CFR part 60.4243(a)(1) [GENSET1-6] and 40 CFR Part 60.4243(b)(ii)
[18] 40 CFR Part 60.4205(a), 40 CFR Part 60.4202(a)(2)
[19] 40 CFR part 1039 Appendix I Tier 1 Standards for engines sized greater than 560 kW
[20] 40 CFR Part 1039 Appendix I Tier 2 Standards for engines sized greater than or equal to 130 kW and less than 225 kW
[21] 40 CFR Part 60.4206
[22] 40 CFR Part 60.4207(b)
[23] 40CFR Part 60.4211(a)

## 7.2 Monitoring and Testing

GENSET9-12 will be subject to routine emissions sampling every 8,760 operating hours, or every 3 years, whichever is shorter, because they are non-certified[24]. Each test will be conducted within 10% of 100% load (or the maximum achievable load) to determine the emissions concentrations compared to the JJJJ standards for VOCs, CO, and $NO_X$[25]. Each test will be conducted in triplicate and will last at least one hour each[26]. The tests will follow procedures outlined by the EPA for quantifying emissions rates for these pollutants according to 40 CFR 60.4244(d) and (e). Tests will be conducted during times of normal operation (IE not during periods of shutdown, startup, or malfunction)[27].

## 7.3 Reporting

GENSET9-12 require that an initial notification be submitted to the regulatory authority including[28]:

- Name and address of the owner/operator,
- The address of the affected source,
- Engine information,
- Emission control equipment, and
- The fuel used.

Each copy of the emissions test reports for the GENSET9-12 engines will be submitted to the regulatory agency within 60 days upon completion of the emissions tests[29]. These reports will include all information required as per 40 CFR 60.8, including Quality Assurance / Quality Control (QA/QC) information.

## 7.4 Recordkeeping

GENSET1-6 and GENSET9-12 will be maintained according to the manufacturer's written emissions-related maintenance guidelines[30]. These maintenance activities will be documented and retained by the owner/operator. Further, the owner/operator maintains records from the manufacturer for GENSET1-6 certifying that these engines meet the emissions standards codified in 40 CFR Part 60 Subpart JJJJ[31].

Records of the emissions sampling activities required for GENSET9-12 will be retained by the owner/operator[32]. All notifications sent to the TCEQ will be retained by the owner/operator[33]. Further, all emissions testing results and manufacturer information will be retained by the owner/operator to prove that the non-certified engines meet the applicable NSPS standards[34].

[24] 40 CFR Part 60.4243(b)(ii)
[25] 40 CFR Part 60.4244(a)
[26] 40 CFR Part 60.4244(a)
[27] 40 CFR Part 60.4244(b)
[28] 40 CFR Part 60.4245(c)
[29] 40 CFR Part 60.4245(d)
[30] 40 CFR Part 60.4244(a)(1)
[31] 40 CFR Part 60.4245(a)(3)
[32] 40 CFR Part 60.4243(b)(2)
[3333] 40 CFR Part 60.4245(a)(1)
[34] 40 CFR Part 60.4245(a)(4)

# 8.0 National Emissions Standards for Hazardous Air Pollutants for Source Categories (40 CFR Part 63 Subpart ZZZZ)

The operation of the electric generating facilities results in emissions of HCHO, a federally classified HAP, at a rate greater than 10 tpy; therefore, the site is considered a major source of HAP emissions and subject to the major source regulations in 40 CFR Part 63 subsection ZZZZ: Standards for HAPs emitted from Stationary Reciprocating Internal Combustion Engines (RICE). The site will comply with all applicable regulations at all times, and those regulations are discussed herein.

All engines are considered "new stationary RICE" for the purpose of the rule as per the definition in 40 CFR 63.6590(a)(2)(i)[35]. These engines will follow the emission limitations, operating limitations, and other requirements in this subpart at all times that they are applicable.

GENSET7 and GENSET8 meet the condition of 40 CFR Part 63.6590(b)(1)(i) as they are considered emergency use RICE. Thus, these engines are not subject to the standards, testing, operating, recordkeeping requirements in 40 CFR Part 63 Subpart ZZZZ, other than being included in the initial notification to the regulatory authority[36]. GENSET13 meets the condition of 40 CFR Part 63.6590(c)(6) considering its nature as an emergency use RICE with a site rating of less than 500 brake HP. Hence, this engine is not subject to the standards, testing, operating, recordkeeping, and initial notification requirements in 40 CFR Part 63 Subpart ZZZZ, other than the requirements of 40 CFR Part 60 Subpart IIII for Stationary Compression Ignition Internal Combustion Engines.

Specific regulatory citations for GENSET1-6 and GENSET9-12 regarding the emission limitations and standards as well as the monitoring, recordkeeping, reporting, and testing requirements associated with the emission limitations are identified and discussed in the following subsections.

Further, since the site became a major source of HAP upon the issuance of the Standard Permit on January 31, 2024, the compliance date is contingent on the construction timeline of the engines relative to the date the source becomes subject to this subpart. The construction of GENSET1-6, GENSET7-8, GENSET9-11, and GENSET13 commenced prior to the time when the area sources became a major source of HAP; thus, these engines must comply with the provisions in 40 CFR Part 63 within three (3) years after the area source became a major source. GENSET12, construction of which commenced after the issuance of the Title V renewal, must be compliant with 40 CFR Part 63 upon startup of the unit.

## 8.1 Emissions and Operating Limitations

GENSET1-6 and GENSET9-12 will adhere to the emission limitations for HCHO, 14 $ppm_{vd}$ or less at 15% $O_2$ in the stationary RICE exhaust[37]. Further, the pressure drop across the oxidation catalyst will not change by more than 2 inches of water column (in w.c.) from the pressure differential measured during

[35] A stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions is new if you commenced construction of the stationary RICE on or after December 19, 2002.
[36] 40 CFR Part 63.6645(f)
[37] Table 2a to subpart ZZZZ of Part 63 for 4SLB stationary RICE

the initial performance test at 100% load plus or minus 10%[38]. The exhaust temperature will be maintained such that the oxidation catalyst inlet temperature is greater than or equal to 450 °F and less than or equal to 1,350 °F[38].

## 8.2 Monitoring and Testing

All engines that are new stationary RICEs greater than 500 hp at a major source of HAPs are subject to the regulations codified in 40 CFR Part 63 Subpart ZZZZ and are required to have an initial performance test conducted within 180 days after the compliance date that is specified for your stationary RICE in 40 CFR part 63.659[39]. The startup date for GENSET1-6 and GENSET9-11 is the date of issuance of the latest Standard Permit, January 31, 2024, and these engines will be compliant within three years from that date. GENSET12 has not yet been introduced to the site, and thus, the startup date for GENSET12 is to be determined.

Subsequent performance tests will be conducted for GENSET1-6 and GENSET9-12 semi-annually, until two consecutive compliant tests occur; the testing frequency will then be reduced to annually. If any annual test results in non-compliant formaldehyde concentrations, the testing frequency will be increased to semi-annually[40]. Additionally, if any operating deviations in oxidation catalyst pressure differential or oxidation catalyst inlet temperature occur, the testing frequency will be increased to semi-annually. Three (3) separate test runs will be conducted for each performance test, with each run lasts at least an hour[41].

During the performance test, formaldehyde concentration will be measured according to the terms included in Table 4 of 40 CFR Part 63 Subpart ZZZZ to limit the concentration of formaldehyde in exhaust using oxidation catalyst or Non-Selective Catalytic Reduction (NSCR). The performance test will apply the methods in **Table 6.6** of this subpart. Specifically, catalyst inlet temperature data will be collected according to 40 CFR Part 63.6625(b); data will be reduced to 4-hour rolling averages and the 4-hour rolling averages will be maintained within the operating limitation. Further, the pressure drop across the catalyst will be measured once per month to demonstrate that the pressure drop is within the operating limitation established during the performance test.

The device that monitors the temperature of the exhaust entering the oxidation catalyst is considered a Continuous Parameter Monitoring System (CPMS)[42]. A site-specific monitoring plan will be developed and will address the terms of 40 CFR Part 63.6625(b). The CPMS will collect data at a frequency of at least once every 15 minutes, will have a temperature detection sensitivity of 5 °F, will be audited at least

[38] Table 2b to subpart ZZZZ of Part 63 for 4SLB stationary RICE
[39] 40 CFR Part 63.6610(a)
[40] Table 3 to subpart ZZZZ of Part 63 for 4SLB stationary RICS ≥ 250 HP at a major source of HAP
[41] 40 CFR Part 63.6620(d)
[42] 40 CFR Part 63.6625(b)

once annually, and will have regular performance evaluations. Data from this device will be continuously monitored at all times the unit is in operation.

When the catalyst is changed out, a new performance test must be performed to re-establish the operating parameters and to demonstrate compliance with the standards of 40 CFR Part 63 Subpart ZZZZ[43].

## 8.3 Reporting

An Initial notification for the startup of all engines except GENSET13 will be submitted to the regulatory agency within 120 days after becoming subject to 40 CFR Part 63 Subpart ZZZZ[44]. The regulatory agency will be notified via a Notification of Intent at least 60 days prior to the commencement of any compliance-related emissions tests[45]. An initial Notification of Compliance Status containing the results of the initial compliance demonstration must be submitted to the state regulatory agency within 60 days of completion of the initial performance demonstration[46]. Semiannual Compliance reports for GENSET1-6 and GENSET9-12 will be submitted to address any deviations from the emissions or operating limitations outlined in Section 8.1 according to the terms outlined in 40 CFR Part 63.6650 and 40 CFR Part 63 Subpart ZZZZ Table 7.

Note that GENSET7-8 meets the condition of 40 CFR Part 63.6590(b)(1)(i) as they are considered emergency use RICE, and GENSET13 meet the condition of 40 CFR Part 63.6590(c)(6). Hence, these engines are not subject to the standards, testing, operating, or recordkeeping requirements in 40 CFR Part 63 Subpart ZZZZ.

## 8.4 Recordkeeping

All relevant records as outlined in 40 CFR Part 63.6655 will be retained by the owner/operator. Records will be readily available for expeditious review by a regulating authority and will be retained for a period of 5 years from the date of occurrence, measurement, maintenance, corrective action, report, or record. This data may be either in electronic or hard copy format[47].

[43] 40 CFR Part 63.6640(b)
[44] 40 CFR Part 63.6645(c)
[45] 40 CFR Part 63.6645(g)
[46] 40 CFR Part 63.6645(h)
[47] 40 CFR Part 63.6660

# 9.0 TCEQ Forms

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 1)**
**Texas Commission on Environmental Quality**

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250 or to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

| | |
|---|---|
| **I.** | **Company Identifying Information** |
| **A.** | Company Name: Blaine Larsen Farms, Inc. |
| **B.** | Customer Reference Number (CN): **CN** 604538777 |
| **C.** | Submittal Date *(mm/dd/yyyy):* 08/01/2024 |
| **II.** | **Site Information** |
| **A.** | Site Name: Power Generating Facility Plant 1 |
| **B.** | Regulated Entity Reference Number (RN): **RN** 109220137 |
| **C.** | Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)* |
| ☐ AR ☐ CO ☐ KS ☐ LA ☒ NM ☒ OK ☐ N/A | |
| **D.** | Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)* |
| ☐ VOC ☒ $NO_X$ ☐ $SO_2$ ☐ $PM_{10}$ ☐ CO ☐ Pb ☒ HAPS | |
| Other: | |
| **E.** | Is the site a non-major source subject to the Federal Operating Permit Program? ☐ YES ☒ NO |
| **F.** | Is the site within a local program area jurisdiction? ☐ YES ☒ NO |
| **G.** | Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☒ NO |
| **H.** | Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: |
| **III.** | **Permit Type** |
| **A.** | Type of Permit Requested: *(Select only one response )* |
| ☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP) | |

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 2)**
**Texas Commission on Environmental Quality**

| | | |
|---|---|---|
| **IV.** | **Initial Application Information** *(Complete for Initial Issuance Applications Only.)* | |
| **A.** | Is this submittal an abbreviated or a full application? | ☐ Abbreviated ☐ Full |
| **B.** | If this is a full application, is the submittal a follow-up to an abbreviated application? | ☐ YES ☐ NO |
| **C.** | If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? | ☐ YES ☐ NO |
| **D.** | Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) | ☐ YES ☐ NO |
| **E.** | Has the required Public Involvement Plan been included with this application? | ☐ YES ☐ NO |
| **V.** | **Confidential Information** | |
| **A.** | Is confidential information submitted in conjunction with this application? | ☐ YES ☒ NO |
| **VI.** | **Responsible Official (RO) Identifying Information** | |
| RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) | | |
| RO Full Name: Blaine Larsen | | |
| RO Title: President | | |
| Employer Name: Blaine Larsen Farms, Inc. | | |
| Mailing Address: 12295 County Road 11 | | |
| City: Dalhart | | |
| State: Texas | | |
| ZIP Code: 79022 | | |
| Territory: | | |
| Country: United States | | |
| Foreign Postal Code: | | |
| Internal Mail Code: | | |
| Telephone No.: (806) 333-0321 | | |
| Fax No.: | | |
| Email: blarsen@larsenfarms.com | | |

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 3)**
**Texas Commission on Environmental Quality**

| **VII. Technical Contact Identifying Information** *(Complete if different from RO.)* | |
|---|---|
| Technical Contact Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) | |
| Technical Contact Full Name: | Thomas Warnack |
| Technical Contact Title: | Air Quality Engineer |
| Employer Name: | INTERA Incorporated |
| Mailing Address: | 9600 Great Hills Tr, Suite 300W |
| City: | Austin |
| State: | Texas |
| ZIP Code: | 78759 |
| Territory: | |
| Country: | United States |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | (512) 425-2060 |
| Fax No.: | |
| Email: | twarnack@intera.com |
| **VIII. Reference Only Requirements** *(For reference only.)* | |
| **A.** State Senator: | Kevin Sparks |
| **B.** State Representative: | John T. Smithee |
| **C.** Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? | ☒ YES ☐ NO ☐ N/A |
| **D.** Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? | ☒ YES ☐ NO |
| **E.** Indicate the alternate language(s) in which public notice is required: | Spanish |

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 4)**
**Texas Commission on Environmental Quality**

| | |
|---|---|
| **IX.** | **Off-Site Permit Request** *(Optional for applicants requesting to hold the FOP and records at an off-site location.)* |
| **A.** | Office/Facility Name: |
| **B.** | Physical Address: |
| City: | |
| State: | |
| ZIP Code: | |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| **C.** | Physical Location: |
| | |
| | |
| | |
| **D.** | Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| Contact Full Name: | |
| **E.** | Telephone No.: |
| **X.** | **Application Area Information** |
| **A.** | Area Name: Larsen Farms Power Generating Facility Plant No. 1 |
| **B.** | Physical Address: 12295 County Road 11 |
| City: | Dalhart |
| State: | Texas |
| ZIP Code: | 79022 |
| **C.** | Physical Location: From the intersection of County Road 11 and FM 1727, head south down County Road 11 for approximately 10.1 miles. Turn right and travel west for approximately 1 mile. The site will be on the left. |
| | |
| | |
| **D.** | Nearest City: Dalhart |
| **E.** | State: Texas |
| **F.** | ZIP Code: 79022 |

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 5)**
**Texas Commission on Environmental Quality**

| | |
|---|---|
| **X.** | **Application Area Information** ***(continued)*** |
| **G.** | Latitude (nearest second): 35° 55' 59.127" |
| **H.** | Longitude (nearest second): -102° 53' 38.043" |
| **I.** | Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☒ NO |
| **J.** | Indicate the estimated number of emission units in the application area: 13 |
| **K.** | Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO |
| **XI.** | **Public Notice** *(Complete this section for SOP Applications and Acid Rain Permit Applications only.)* |
| **A.** | Name of a public place to view application and draft permit: Dallam-Hartley County Library |
| **B.** | Physical Address: 420 Denrock Ave |
| City: | Dalhart |
| ZIP Code: | 79022 |
| **C.** | Contact Person (Someone who will answer questions from the public during the public notice period): |
| Contact Name Prefix: (☐ Mr. ☐ Mrs. ☒ Ms. ☐ Dr.): | |
| Contact Person Full Name: | Alisa Heggie |
| Contact Mailing Address: | 12295 County Road 11 |
| City: | Dalhart |
| State: | Texas |
| ZIP Code: | 79022 |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | 806-268-2636 |

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 6)**
**Texas Commission on Environmental Quality**

| **XII. Delinquent Fees and Penalties** |
|---|
| **Notice:** This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." |
| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
| **XIII. Designated Representative (DR) Identifying Information** |
| DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| DR Full Name: |
| DR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 7)**
**Texas Commission on Environmental Quality**

| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
|---|
| **XIV. Alternate Designated Representative (ADR) Identifying Information** |
| ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| ADR Full Name: |
| ADR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 1**
**Texas Commission on Environmental Quality**

| | |
|---|---|
| Date: 08/01/2024 | |
| Permit No.: O-3896 | |
| Regulated Entity No.: RN109220137 | |
| Company Name: Blaine Larsen Farms, Inc. | |
| For Submissions to EPA | |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA? | ☒ YES ☐ NO |
| **I. Application Type** | |
| Indicate the type of application: | |
| ☐ Renewal | |
| ☐ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.) | |
| ☒ Significant Revision | |
| ☐ Revision Requesting Prior Approval | |
| ☐ Administrative Revision | |
| ☐ Response to Reopening | |
| **II. Qualification Statement** | |
| For SOP Revisions Only | ☒ YES ☐ NO |
| For GOP Revisions Only | ☐ YES ☒ NO |

**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 1 *(continued)***
**Texas Commission on Environmental Quality**

| **III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)** | | | | | | |
|---|---|---|---|---|---|---|
| Indicate all pollutants for which the site is a major source based on the site's potential to emit:<br>*(Check the appropriate box[es].)* | | | | | | |
| ☐ VOC | ☒ $NO_X$ | ☐ $SO_2$ | ☐ $PM_{10}$ | ☐ CO | ☐ Pb | ☒ HAP |
| Other: | | | | | | |
| **IV. Reference Only Requirements** *(For reference only)* | | | | | | |
| Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? | | | | | ☒ YES ☐ NO ☐ N/A | |
| **V. Delinquent Fees and Penalties** | | | | | | |
| Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol. | | | | | | |

**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 2**
**Texas Commission on Environmental Quality**

| |
|---|
| Date: 08/01/2024 |
| Permit No.: O-3896 |
| Regulated Entity No.: RN109220137 |
| Company Name: Blaine Larsen Farms, Inc. |

Using the table below, provide a description of the revision.

| Revision No. | Revision Code | New Unit | Unit/Group ID No. | Process Applicable Form | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|---|---|---|---|---|---|---|
| 1 | SIG-B | No | GENSET1-6 | OP-UA2 | 140752 | Increase operating hours from 6,600 to 8,760 hrs/yr |
| 2 | SIG-B | No | GENSET7-8 | OP-UA2 | PBR 106.511 | Increase operating hours from 850 to 876 hrs/yr |
| 3 | SIG-B | No | GENSET9-11 | OP-UA2 | 140752 | Increase operating hours from 4,400 to 8,760 hrs/yr |
| 4 | SIG-B | Yes | GENSET12 | OP-UA2 | 140752 | Addition of a new emission unit |
| 5 | SIG-B | No | GENSET13 | OP-UA2 | PBR 106.511 | Increase operating hours from 660 to 876 hrs/yr |
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**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 3**
**Texas Commission on Environmental Quality**

| | | |
|---|---|---|
| Date: 08/01/2024 | | |
| Permit No.: O-3896 | | |
| Regulated Entity No.: RN109220137 | | |
| Company Name: Blaine Larsen Farms, Inc. | | |
| **I.** | **Significant Revision** *(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)* | |
| A. | Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? | ☒ YES ☐ NO |
| B. | Indicate the alternate language(s) in which public notice is required: Spanish | |
| C. | Will, there be a change in air pollutant emissions as a result of the significant revision? | ☑ YES ☐ NO |

**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 3**
**Texas Commission on Environmental Quality**

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

| Pollutant | Description of the Change in Pollutant Emissions |
|---|---|
| NOx | Increase from 205.08 tpy to 204.07 tpy and remains classified as a NOx major |
| SO2 | Decrease from 10.57 to 0.67 tpy |
| CO | Increase from 45.41 tpy to 53.15 tpy |
| PM10/PM2.5 | Increase from 1.12 tpy to 0.62 tpy |
| VOC | Increase from 17.24 tpy to 77.80 tpy |
| HAPS | Increase from 9.59 tpy to 20.33 tpy |
| Formaldehyde | Increase from 7.18 tpy to 14.41 tpy, and resulting in re-classification as a HAP major |
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**Stationary Reciprocating Internal Combustion Engine Attributes**
**Form OP-UA2 (Page 4)**
**Federal Operating Permit Program**
**Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**
**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | HAP Source | Brake HP | Construction/ Reconstruction Date | Nonindustrial Emergency Engine | Service Type | Stationary RICE Type |
|---|---|---|---|---|---|---|---|
| GENSET1 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GENSET2 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GENSET3 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GENSET4 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GENSET5 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GENSET6 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GENSET7 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | EMER-A | |
| GENSET8 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | EMER-A | |
| GENSET9 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GENSET10 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GENSET11 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |
| GENSET12 | 63ZZZZ-1 | MAJOR | 500+ | 06+ | | NORMAL | 4SLB |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| GENSET13 | 63ZZZZ-1 | MAJOR | 100-250 | 06+ | | EMER-A | |

**Form OP-UA2 (Page 5)**
**Federal Operating Permit Program**
**Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**
**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Manufacture Date | Operating Hours | Different Schedule | Emission Limitation | Displacement |
|---|---|---|---|---|---|---|
| GENSET1 | 63ZZZZ-1 | | | NO | CONC | |
| GENSET2 | 63ZZZZ-1 | | | NO | CONC | |
| GENSET3 | 63ZZZZ-1 | | | NO | CONC | |
| GENSET4 | 63ZZZZ-1 | | | NO | CONC | |
| GENSET5 | 63ZZZZ-1 | | | NO | CONC | |
| GENSET6 | 63ZZZZ-1 | | | NO | CONC | |
| | | | | | | |
| | | | | | | |
| GENSET9 | 63ZZZZ-1 | | | NO | CONC | |
| GENSET10 | 63ZZZZ-1 | | | NO | CONC | |
| GENSET11 | 63ZZZZ-1 | | | NO | CONC | |
| GENSET12 | 63ZZZZ-1 | | | NO | CONC | |
| | | | | | | |

**Form OP-UA2 (Page 6)**
**Federal Operating Permit Program**
**Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**
**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary 32BReciprocating Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Crankcase | Performance Test | Control Technique | Operating Limits | Monitoring System |
|---|---|---|---|---|---|---|
| GENSET1 | 63ZZZZ-1 | YES | YES | OXCAT | | CPMS |
| GENSET2 | 63ZZZZ-1 | YES | YES | OXCAT | | CPMS |
| GENSET3 | 63ZZZZ-1 | YES | YES | OXCAT | | CPMS |
| GENSET4 | 63ZZZZ-1 | YES | YES | OXCAT | | CPMS |
| GENSET5 | 63ZZZZ-1 | YES | YES | OXCAT | | CPMS |
| GENSET6 | 63ZZZZ-1 | YES | YES | OXCAT | | CPMS |
| | | | | | | |
| | | | | | | |
| GENSET9 | 63ZZZZ-1 | YES | YES | OXCAT | | CPMS |
| GENSET10 | 63ZZZZ-1 | YES | YES | OXCAT | | CPMS |
| GENSET11 | 63ZZZZ-1 | YES | YES | OXCAT | | CPMS |
| GENSET12 | 63ZZZZ-1 | YES | NO | OXCAT | | CPMS |
| | | | | | | |

**Form OP-UA2 (Page 8)**
**Federal Operating Permit Program**
**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Construction/ Reconstruction/ Modification Date | Test Cell | Exemption | Temp Replacement | Horsepower | Fuel | AEL No. | Lean Burn | Commencing |
|---|---|---|---|---|---|---|---|---|---|---|
| GENSET1 | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| GENSET2 | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| GENSET3 | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| GENSET4 | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| GENSET5 | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| GENSET6 | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| GENSET9 | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| GENSET10 | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| GENSET11 | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| GENSET12 | 60JJJJ-1 | YES | NO | NONE | NO | 1350+ | NATGAS | | | CON |
| | | | | | | | | | | |

**Stationary Reciprocating Internal Combustion Engine Attributes**
**Form OP-UA2 (Page 9)**
**Federal Operating Permit Program**
**Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Manufacture Date | Displacement | Certified | Operation | Certified Modification | Service | Severe Duty | Optional Compliance |
|---|---|---|---|---|---|---|---|---|---|
| GENSET1 | 60JJJJ-1 | R0707+ | | YES | YES | | NON | | |
| GENSET2 | 60JJJJ-1 | R0707+ | | YES | YES | | NON | | |
| GENSET3 | 60JJJJ-1 | R0707+ | | YES | YES | | NON | | |
| GENSET4 | 60JJJJ-1 | R0707+ | | YES | YES | | NON | | |
| GENSET5 | 60JJJJ-1 | R0707+ | | YES | YES | | NON | | |
| GENSET6 | 60JJJJ-1 | R0707+ | | YES | YES | | NON | | |
| GENSET9 | 60JJJJ-1 | R0707+ | | NO | | | NON | | |
| GENSET10 | 60JJJJ-1 | R0707+ | | NO | | | NON | | |
| GENSET11 | 60JJJJ-1 | R0707+ | | NO | | | NON | | |
| GENSET12 | 60JJJJ-1 | N0710+ | | NO | | | NON | | |
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## Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
## Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
## Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Applicability Date | Exemptions | Service | Commencing | Manufacture Date |
|---|---|---|---|---|---|---|
| GENSET7 | 60IIII-1 | 2005+ | NONE | EMERG | CON | 0406+ |
| GENSET8 | 60IIII-1 | 2005+ | NONE | EMERG | CON | 0406+ |
| GENSET13 | 60IIII-1 | 2005+ | NONE | EMERG | CON | 0406+ |
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**Stationary Reciprocating Internal Combustion Engine Attributes**
**Form OP-UA2 (Page 11)**
**Federal Operating Permit Program**
**Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Diesel | AES No. | Displacement | Generator Set | Model Year | Install Date |
|---|---|---|---|---|---|---|---|
| GENSET7 | 60IIII-1 | DIESEL | | 10-CS | | 2007- | |
| GENSET8 | 60IIII-1 | DIESEL | | 10-CS | | 2007- | |
| GENSET13 | 60IIII-1 | DIESEL | | 10-CS | | 2007- | |
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**Stationary Reciprocating Internal Combustion Engine Attributes**
**Form OP-UA2 (Page 12)**
**Federal Operating Permit Program**
**Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**
**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**
**Texas Commission on Environmental Quality**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | SOP/GOP Index No. | Kilowatts | Filter | AECD | Standard | Compliance Option | PM Compliance | Options |
|---|---|---|---|---|---|---|---|---|
| GENSET7 | 60IIII-1 | E560-2237 | | | YES | MANU YES | | |
| GENSET8 | 60IIII-1 | E560-2237 | | | YES | MANU YES | | |
| GENSET13 | 60IIII-1 | E130-368 | | | YES | MANU YES | | |
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**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 1*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter** | | |
| | **A.** | **Visible Emissions** | |
| ♦ | 1. | The application area includes stationary vents constructed on or before January 31, 1972. | ☐YES ☒NO |
| ♦ | 2. | The application area includes stationary vents constructed after January 31, 1972.<br>*If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.*<br>*If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.* | ☒YES ☐NO |
| ♦ | 3. | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972. | ☐YES ☐NO |
| ♦ | 4. | All stationary vents are addressed on a unit specific basis. | ☐YES ☒NO |
| ♦ | 5. | Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area. | ☒YES ☐NO |
| ♦ | 6. | The application area includes structures subject to 30 TAC § 111.111(a)(7)(A). | ☒YES ☐NO |
| ♦ | 7. | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A). | ☒YES ☐NO |
| ♦ | 8. | Emissions from units in the application area include contributions from uncombined water. | ☐YES ☒NO |
| ♦ | 9. | The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c). | ☐YES ☐NO ☒N/A |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | | |
|---|---|---|---|---|
| ***Form OP-REQ1: Page 2*** | | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | | |
| | **B.** | **Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots** | | |
| | 1. | Items a - d determines applicability of any of these requirements based on geographical location. | | |
| ♦ | | a. | The application area is located within the City of El Paso. | ☐YES ☒NO |
| ♦ | | b. | The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. | ☐YES ☒NO |
| ♦ | | c. | The application area is located in the portion of Harris County inside the loop formed by Beltway 8. | ☐YES ☒NO |
| ♦ | | d. | The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. | ☐YES ☒NO |
| | | *If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.* | | |
| | 2. | Items a - d determine the specific applicability of these requirements. | | |
| ♦ | | a. | The application area is subject to 30 TAC § 111.143. | ☐YES ☐NO |
| ♦ | | b. | The application area is subject to 30 TAC § 111.145. | ☐YES ☐NO |
| ♦ | | c. | The application area is subject to 30 TAC § 111.147. | ☐YES ☐NO |
| ♦ | | d. | The application area is subject to 30 TAC § 111.149. | ☐YES ☐NO |
| | **C.** | **Emissions Limits on Nonagricultural Processes** | | |
| ♦ | 1. | The application area includes a nonagricultural process subject to 30 TAC § 111.151. | | ☒YES ☐NO |
| | 2. | The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements.<br>*If the response to Question I.C.2 is "NO," go to Question I.C.4.* | | ☐YES ☒NO |
| | 3. | All vents from nonagricultural process in the application area are subject to additional monitoring requirements. | | ☐YES ☐NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 3*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **C.** | **Emissions Limits on Nonagricultural Processes (continued)** | |
| | 4. | The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c). | ☐YES ☒NO |
| | 5. | The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.5 is "NO," go to Question I.C.7.* | ☐YES ☒NO |
| | 6. | All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | 7. | The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b). | ☐YES ☒NO |
| | 8. | The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.8 is "NO," go to Section I.D.* | ☐YES ☒NO |
| | 9. | All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | **D.** | **Emissions Limits on Agricultural Processes** | |
| | 1. | The application area includes agricultural processes subject to 30 TAC § 111.171. | ☐YES ☒NO |
| | **E.** | **Outdoor Burning** | |
| ♦ | 1. | Outdoor burning is conducted in the application area.<br>*If the response to Question I.E.1 is "NO," go to Section II.* | ☐YES ☒NO |
| ♦ | 2. | Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205. | ☐YES ☐NO |
| ♦ | 3. | Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207. | ☐YES ☐NO |
| ♦ | 4. | Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209. | ☐YES ☐NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 4*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **E.** | **Outdoor Burning (continued)** | |
| ♦ | 5. | Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. | ☐YES ☐NO |
| ♦ | 6. | Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. | ☐YES ☐NO |
| ♦ | 7. | The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. | ☐YES ☐NO |
| **II.** | **Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds** | | |
| | **A.** | **Temporary Fuel Shortage Plan Requirements** | |
| | 1. | The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18. | ☐YES ☒NO |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10.<br>*See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.* | ☐YES ☒NO |
| | **B.** | **Storage of Volatile Organic Compounds** | |
| ♦ | 1. | The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere. | ☐YES ☐NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 5*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **C.** | **Industrial Wastewater** | |
| | 1. | The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140.<br>*If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.* | ☐YES ☐NO ☐N/A |
| | 2. | The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area.<br>*If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.* | ☐YES ☐NO |
| | 3. | The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater).<br>*If the response to Question III.C.3 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 4. | The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons).<br>*If the response to Question III.C.4 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 5. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1). | ☐YES ☐NO |
| | 6. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2). | ☐YES ☐NO |
| | 7. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4). | ☐YES ☐NO |
| | **D.** | **Loading and Unloading of VOCs** | |
| ♦ | 1. | The application area includes VOC loading operations. | ☐YES ☐NO |
| ♦ | 2. | The application area includes VOC transport vessel unloading operations.<br>*For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.* | ☐YES ☐NO |

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **D.** | **Loading and Unloading of VOCs (continued)** | |
| ♦ | 3. | Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area. | ☐YES ☐NO |
| | **E.** | **Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities** | |
| ♦ | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container.<br>*If the response to Question III.E.1 is "NO," go to Section III.F.* | ☐YES ☐NO |
| ♦ | 2. | Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area. | ☐YES ☐NO |
| ♦ | 3. | All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent.<br>*If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | 4. | The application area is located in a covered attainment county as defined in 30 TAC § 115.10.<br>*If the response to Question III.E.4 is "NO," go to Question III.E.9.* | ☐YES ☐NO |
| ♦ | 5. | Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | 6. | Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | 7. | At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014.<br>*If the response to Question III.E.7 is "YES," go to Section III.F.* | ☐YES ☐NO |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **E.** | **Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)** | |
| ♦ | 8. | At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004.<br>*If the response to Question III.E.8 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | 9. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | ☐YES ☐NO |
| ♦ | 10. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | ☐YES ☐NO |
| ♦ | 11. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992. | ☐YES ☐NO |
| ♦ | 12. | At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005. | ☐YES ☐NO |
| | **F.** | **Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)** | |
| ♦ | 1. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area. | ☐YES ☐NO ☐N/A |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **F.** | **Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)** | |
| ♦ | 2. | Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area. | ☐YES ☐NO ☐N/A |
| | **G.** | **Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities** | |
| ♦ | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks.<br>*If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012. | ☐YES ☐NO |
| ♦ | 3. | The application area includes facilities that began construction prior to November 15, 1992.<br>*If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.* | ☐YES ☐NO |
| ♦ | 4. | The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline. | ☐YES ☐NO |
| ♦ | 5. | The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted. | ☐YES ☐NO ☐N/A |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **H.** | **Control Of Reid Vapor Pressure (RVP) of Gasoline** | |
| ♦ | 1. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County.<br>*If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements. | ☐YES ☐NO |
| ♦ | 3. | The application area includes a motor vehicle fuel dispensing facility. | ☐YES ☐NO |
| ♦ | 4. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less. | ☐YES ☐NO |
| | **I.** | **Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries** | |
| | 1. | The application area is located at a petroleum refinery. | ☐YES ☐NO |
| | **J.** | **Surface Coating Processes (Complete this section for GOP applications only.)** | |
| ♦ | 1. | Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 10*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **K.** | **Cutback Asphalt** | |
| | 1. | Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency.<br>*If the response to Question III.K.1 is "N/A," go to Section III.L.* | ☐YES ☐NO ☐N/A |
| | 2. | The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area. | ☐YES ☐NO ☐N/A |
| | 3. | Asphalt emulsion is used or produced within the application area. | ☐YES ☐NO |
| | 4. | The application area is using an alternate control requirement as specified in 30 TAC § 115.513.<br>*If the response to Question III.K.4 is "NO," go to Section III.L.* | ☐YES ☐NO |
| | 5. | The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1). | ☐YES ☐NO |
| | 6. | The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat. | ☐YES ☐NO |
| | 7. | The applicant using cutback asphalt is a state, municipal, or county agency. | ☐YES ☐NO |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels** | |
| ♦ | 1. | The application area includes degassing operations for stationary, marine, and/or transport vessels.<br>*If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area.<br>*If the response to Question III.L.2 is "YES," go to Section III.M.* | ☐YES ☐NO ☐N/A |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)** | |
| ♦ | 3. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 4. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 5. | Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO |
| ♦ | 6. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 7. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area. | ☐YES ☐NO ☐N/A |
| | **M.** | **Petroleum Dry Cleaning Systems** | |
| | 1. | The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents. | ☐YES ☐NO ☐N/A |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **N.** | **Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC)** | |
| | 1. | The application area includes one or more vent gas streams containing HRVOC. | ☐YES ☐NO ☐N/A |
| | 2. | The application area includes one or more flares that emit or have the potential to emit HRVOC.<br>*If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.* | ☐YES ☐NO ☐N/A |
| | 3. | All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times. | ☐YES ☐NO |
| | 4. | All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times.<br>*If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.* | ☐YES ☐NO |
| | 5. | The application area contains pressure relief valves that are not controlled by a flare. | ☐YES ☐NO |
| | 6. | The application area has at least one vent stream which has no potential to emit HRVOC. | ☐YES ☐NO |
| | 7. | The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H). | ☐YES ☐NO |
| | **O.** | **Cooling Tower Heat Exchange Systems (HRVOC)** | |
| | 1. | The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC. | ☐YES ☐NO ☐N/A |

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| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area.<br>*For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.*<br>*For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.*<br>*For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.*<br>*For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.* | ☐YES ☒NO |
| | 2. | The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln.<br>*If the response to Question IV.A.2 is "YES," go to Question IV.H.1.* | ☐YES ☒NO |
| | 3. | The application area includes a utility electric generator in an east or central Texas county.<br>*See instructions for a list of counties included.*<br>*If the response to Question IV.A.3 is "YES," go to Question IV.G.1.*<br>*If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.* | ☐YES ☒NO |
| | **B.** | **Utility Electric Generation in Ozone Nonattainment Areas** | |
| | 1. | The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300.<br>*If the response to Question IV.B.1 is "NO," go to Question IV.C.1.* | ☐YES ☐NO |
| | 2. | The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220. | ☐YES ☐NO |

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| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)** | | |
| | **C.** | **Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas** | |
| ♦ | 1. | The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400.<br>*For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.* | ☐YES ☐NO |
| ♦ | 2. | The application area is located at a site that was a major source of $NO_X$ before November 15, 1992. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320. | ☐YES ☐NO |
| | **D.** | **Adipic Acid Manufacturing** | |
| | 1. | The application area is located at, or part of, an adipic acid production unit. | ☐YES ☐NO ☐N/A |
| | **E.** | **Nitric Acid Manufacturing - Ozone Nonattainment Areas** | |
| | 1. | The application area is located at, or part of, a nitric acid production unit. | ☐YES ☐NO ☐N/A |
| | **F.** | **Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines** | |
| ♦ | 1. | The application area is located at a site that is a minor source of $NO_X$ in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County).<br>*For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.* | ☐YES ☐NO |
| ♦ | 2. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a). | ☐YES ☐NO |
| ♦ | 3. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b). | ☐YES ☐NO |

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| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)** | | |
| | **F.** | **Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)** | |
| ♦ | 4. | The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103. | ☐YES ☐NO |
| ♦ | 5. | The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110. | ☐YES ☐NO |
| | 6. | The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125.<br>*If the response to Question IV.F.6 is "NO," go to Section IV.G.* | ☐YES ☐NO |
| | 7. | An ACSS for carbon monoxide (CO) has been approved? | ☐YES ☐NO |
| | 8. | An ACSS for ammonia ($NH_3$) has been approved? | ☐YES ☐NO |
| | 9. | Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below. | |
| | **G.** | **Utility Electric Generation in East and Central Texas** | |
| | 1. | The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995.<br>*If the response to Question IV.G.1 is "NO," go to Question IV.H.1.* | ☐YES ☐NO |
| | 2. | The application area is complying with the System Cap in 30 TAC § 117.3020. | ☐YES ☐NO |
| | **H.** | **Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters** | |
| | 1. | The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less.<br>*If the response to question IV.H.1 is "NO," go to Section V.* | ☐YES ☒NO |
| | 2. | All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203. | ☐YES ☐NO |

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| **V.** | **Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products** | |
| | **A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings** | |
| | 1. The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States. | ☐YES ☒NO |
| | 2. The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States.<br>*If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.* | ☐YES ☒NO |
| | 3. All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6). | ☐YES ☐NO |
| | **B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products** | |
| | 1. The application area manufactures consumer products for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States. | ☐YES ☒NO |
| | 3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products.<br>*If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.* | ☐YES ☒NO |
| | 4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7). | ☐YES ☐NO |

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| **V.** | **Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)** | | |
| | **C.** | **Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings** | |
| | 1. | The application area manufactures or imports architectural coatings for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act.<br>*If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.* | ☐YES ☒NO |
| | 3. | All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5). | ☐YES ☐NO |
| | **D.** | **Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings** | |
| | 1. | The application area manufactures or imports aerosol coating products for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area is a distributor of aerosol coatings for resale or distribution in the United States. | ☐YES ☒NO |
| | **E.** | **Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers** | |
| | 1. | The application area manufactures or imports portable fuel containers for sale or distribution in the United States.<br>*If the response to Question V.E.1 is "NO," go to Section VI.* | ☐YES ☒NO |
| | 2. | All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c). | ☐YES ☐NO |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts.<br>*If the response to Question VI.A.1 is "NO," go to Section VII.* | ☒YES ☐NO |

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| ***Form OP-REQ1: Page 18*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **B.** | **Subpart Y - Standards of Performance for Coal Preparation and Processing Plants** | |
| | 1. | The application area is located at a coal preparation and processing plant.<br>*If the response to Question VI.B.1 is "NO," go to Section VI.C.* | ☐YES ☒NO |
| | 2. | The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd).<br>*If the response to Question VI.B.2 is "NO," go to Section VI.C.* | ☐YES ☐NO |
| | 3. | The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option.<br>*If the response to Question VI.B.3 is "YES," go to Section VI.C.* | ☐YES ☐NO |
| | 4. | The plant contains an open storage pile, as defined in § 60.251, as an affected facility.<br>*If the response to Question VI.B.4 is "NO," go to Section VI.C.* | ☐YES ☐NO |
| | 5. | The open storage pile was constructed, reconstructed or modified after May 27, 2009. | ☐YES ☐NO |
| | **C.** | **Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)** | |
| ♦ | 1. | The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired.<br>*If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005.<br>*If the response to Question VI.C.2 is "NO," go to Section VI.D.* | ☐YES ☐NO |
| ♦ | 3. | One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4). | ☐YES ☐NO |
| ♦ | 4. | The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 19*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **C.** | **Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)** | |
| ♦ | 5. | One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides. | ☐YES ☐NO |
| | **D.** | **Subpart XX - Standards of Performance for Bulk Gasoline Terminals** | |
| | 1. | The application area includes bulk gasoline terminal loading racks.<br>*If the response to Question VI.D.1 is "NO," go to Section VI.E.* | ☐YES ☐NO ☒N/A |
| | 2. | One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC. | ☐YES ☐NO |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions** | |
| ♦ | 1. | The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore).<br>*For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.* | ☐YES ☒NO |
| ♦ | 2. | The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011.<br>*For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 20*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions (continued)** | |
| ♦ | 4. | Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 5. | Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below. | |
| | **F.** | **Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants** | |
| | 1. | The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.<br>*If the response to Question VI.F.1 is "NO," go to Section VI.G.* | ☐YES ☒NO |
| | 2. | Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO. | ☐YES ☐NO |
| | **G.** | **Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems** | |
| | 1. | The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.<br>*If the response to Question VI.G.1 is "NO," go to Section VI.H.* | ☐YES ☒NO |
| | 2. | The application area includes storm water sewer systems. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 21*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **G.** | **Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)** | |
| | 3. | The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater. | ☐YES ☐NO |
| | 4. | The application area includes non-contact cooling water systems. | ☐YES ☐NO |
| | 5. | The application area includes individual drain systems.<br>*If the response to Question VI.G.5 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| | 6. | The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d). | ☐YES ☐NO |
| | 7. | The application area includes completely closed drain systems. | ☐YES ☐NO |
| | **H.** | **Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004** | |
| ♦ | 1. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.H.4 is "NO," go to Section VI.I.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 22*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **H.** | **Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)** | |
| ♦ | 5. | The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.<br>*If the response to Question VI.H.5 is "NO," go to Question VI.H.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| | **I.** | **Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001** | |
| ♦ | 1. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |

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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)**

| | | | |
|---|---|---|---|
| ♦ | 3. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.I.4 is "NO," go to Section VI.J.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.<br>*If the response to Question VI.I.5 is "NO," go to VI.I.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |

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| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **J.** | **Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006** | |
| ♦ | 1. | The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.J.4 is "NO," go to Section VI.K.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.<br>*If the response to Question VI.J.5 is "NO," go to Question VI.J.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 25*** | | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)** | | | |
| | **J.** | **Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)** | | |
| ♦ | 8. | All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES | ☐NO |
| ♦ | 9. | The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste. | ☐YES | ☐NO |
| ♦ | 10. | The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES | ☐NO |
| | **K.** | **Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution** | | |
| ♦ | 1. | The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO. | ☐YES | ☒NO |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants** | | | |
| | **A.** | **Applicability** | | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts.<br>*If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.* | YES | ☐NO<br>☒N/A |
| | **B.** | **Subpart F - National Emission Standard for Vinyl Chloride** | | |
| | 1. | The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride. | YES | ☐NO |
| | **C.** | **Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks Emission Sources) of Benzene (Complete this section for GOP applications only)** | | |
| ♦ | 1. | The application area includes equipment in benzene service. | ☐YES | ☐NO<br>☐N/A |

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| ***Form OP-REQ1: Page 26*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants** | | |
| 1. | The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b).<br>*If the response to Question VII.D.1 is "NO," go to Section VII.E.* | ☐YES ☐NO |
| 2. | The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b). | ☐YES ☐NO |
| 3. | The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2. | ☐YES ☐NO |
| **E. Subpart M - National Emission Standard for Asbestos** | | |
| ***Applicability*** | | |
| 1. | The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155.<br>*If the response to Question VII.E.1 is "NO," go to Section VII.F.* | ☐YES ☐NO |
| ***Roadway Construction*** | | |
| 2. | The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material. | ☐YES ☐NO |
| ***Manufacturing Commercial Asbestos*** | | |
| 3. | The application area includes a manufacturing operation using commercial asbestos.<br>*If the response to Question VII.E.3 is "NO," go to Question VII.E.4.* | ☐YES ☐NO |
| a. | Visible emissions are discharged to outside air from the manufacturing operation | ☐YES ☐NO |
| b. | An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 27*** | | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | | |
| **E. Subpart M - National Emission Standard for Asbestos (continued)** | | | |
| ***Manufacturing Commercial Asbestos* (continued)** | | | |
| | c. | Asbestos-containing waste material is processed into non-friable forms. | YES ☐NO |
| | d. | Asbestos-containing waste material is adequately wetted. | YES ☐NO |
| | e. | Alternative filtering equipment is being used that has received EPA approval. | YES ☐NO |
| | f. | A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles | YES ☐NO |
| | g. | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| ***Asbestos Spray Application*** | | | |
| 4. | | The application area includes operations in which asbestos-containing materials are spray applied.<br>*If the response to Question VII.E.4 is "NO," go to Question VII.E.5.* | ☐YES ☐NO |
| | a. | Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying.<br>*If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.* | ☐YES ☐NO |
| | b. | Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos. | ☐YES ☐NO |
| | c. | An alternative emission control and waste treatment method is being used that has received prior EPA approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 28*** | | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | | |
| **E. Subpart M - National Emission Standard for Asbestos (continued)** | | | |
| ***Asbestos Spray Application* (continued)** | | | |
| | d. | Asbestos-containing waste material is processed into non-friable forms. | YES ☐NO |
| | e. | Asbestos-containing waste material is adequately wetted. | YES NO |
| | f. | Alternative filtering equipment is being used that has received EPA approval. | YES ☐NO |
| | g. | A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | h. | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| ***Fabricating Commercial Asbestos*** | | | |
| 5. | | The application area includes a fabricating operation using commercial asbestos. *If the response to Question VII.E.5 is "NO," go to Question VII.E.6.* | ☐YES ☐NO |
| | a. | Visible emissions are discharged to outside air from the manufacturing operation. | ☐YES ☐NO |
| | b. | An alternative emission control and waste treatment method is being used that has received prior EPA approval. | ☐YES ☐NO |
| | c. | Asbestos-containing waste material is processed into non-friable forms. | ☐YES ☐NO |
| | d. | Asbestos-containing waste material is adequately wetted. | ☐YES ☐NO |
| | e. | Alternative filtering equipment is being used that has received EPA approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 29*** | | | |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| | **E.** | **Subpart M - National Emission Standard for Asbestos (continued)** | |
| | | ***Fabricating Commercial Asbestos* (continued)** | |
| | | f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | | g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| | | ***Non-sprayed Asbestos Insulation*** | |
| | | 6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying. | YES ☐NO |
| | | ***Asbestos Conversion*** | |
| | | 7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material. | ☐YES ☐NO |
| | **F.** | **Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities** | |
| | | 1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process. | ☐YES ☐NO |
| | **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations** | |
| | | 1. The application area is located at a benzene production facility and/or bulk terminal.<br>*If the response to Question VII.G.1 is "NO," go to Section VII.H.* | ☐YES ☐NO |
| | | 2. The application area includes benzene transfer operations at marine vessel loading racks. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 30*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)** | |
| 3. | The application area includes benzene transfer operations at railcar loading racks. | ☐YES ☐NO |
| 4. | The application area includes benzene transfer operations at tank-truck loading racks. | ☐YES ☐NO |
| **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations** | |
| | ***Applicability*** | |
| 1. | The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341. | ☐YES ☐NO |
| 2. | The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b).<br>*If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.* | ☐YES ☐NO |
| 3. | The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates.<br>*If the response to Question VII.H.3 is "YES," go to Section VIII.* | ☐YES ☐NO |
| 4. | The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr).<br>*If the response to Question VII.H.4 is "YES," go to Section VIII* | ☐YES ☐NO |
| 5. | The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr.<br>*If the response to Question VII.H.5 is "YES," go to Section VIII.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 31*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | | |
| | ***Applicability* (continued)** | |
| 6. | The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation. | ☐YES ☐NO |
| 7. | The application area has waste streams with flow-weighted annual average water content of 10% or greater. | ☐YES ☐NO |
| | ***Waste Stream Exemptions*** | |
| 8. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw). | ☐YES ☐NO |
| 9. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr. | ☐YES ☐NO |
| 10. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr. | ☐YES ☐NO |
| 11. | The application area transfers waste off-site for treatment by another facility. | ☐YES ☐NO |
| 12. | The application area is complying with 40 CFR § 61.342(d). | ☐YES ☐NO |
| 13. | The application area is complying with 40 CFR § 61.342(e).<br>*If the response to Question VII.H.13 is "NO," go to Question VII.H.15.* | ☐YES ☐NO |
| 14. | The application area has facility waste with a flow weighted annual average water content of less than 10%. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 32*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | | |
| ***Container Requirements*** | | |
| 15. | The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste.<br>*If the response to Question VII.H.15 is "NO," go to Question VII.H.18.* | ☐YES ☐NO |
| 16. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VII.H.16 is "YES," go to Question VII.H.18.* | ☐YES ☐NO |
| 17. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| ***Individual Drain Systems*** | | |
| 18. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste.<br>*If the response to Question VII.H.18 is "NO," go to Question VII.H.25.* | ☐YES ☐NO |
| 19. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VII.H.19 is "YES," go to Question VII.H.25.* | ☐YES ☐NO |
| 20. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VII.H.20 is "NO," go to Question VII.H.22.* | ☐YES ☐NO |
| 21. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 33*** | | | |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| | **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | |
| | | ***Individual Drain Systems* (continued)** | |
| | 22. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VII.H.22 is "NO," go to Question VII.H.25.* | YES ☐NO |
| | 23. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | YES ☐NO |
| | 24. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | YES ☐NO |
| | | ***Remediation Activities*** | |
| | 25. | Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF. | YES ☐NO |
| **VIII.** | **Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63.<br>*See instructions for 40 CFR Part 63 subparts made applicable only by reference.* | ☒YES ☐NO |
| | **B.** | **Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry** | |
| | 1. | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.B.1 is "NO," go to Section VIII.D.* | ☒YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)**

| | | |
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| 2. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).<br>*If the response to Question VIII.B.2 is "NO," go to Section VIII.D.* | ☐YES ☒NO |
| 3. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | ☐YES ☐NO |
| 4. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | ☐YES ☐NO |
| 5. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does not use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.<br>*If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 35*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater** | | |
| ***Applicability*** | | |
| 1. | The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F.<br>*If the response to Question VIII.C.1 is "NO," go to Section VIII.D.* | ☐YES ☐NO |
| 2. | The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148. | ☐YES ☐NO |
| 3. | The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148.<br>*If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| 4. | The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping. | ☐YES ☐NO |
| 5. | The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere.<br>*If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| ***Vapor Collection and Closed Vent Systems*** | | |
| 6. | Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area. | ☐YES ☐NO |
| 7. | Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 36*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Reloading or Cleaning of Railcars, Tank Trucks, or Barges*** | | |
| 8. | The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank.<br>*If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.* | ☐YES ☐NO |
| 9. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater. | ☐YES ☐NO |
| 10. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system. | ☐YES ☐NO |
| ***Transfer Racks*** | | |
| 11. | The application area includes Group 1 transfer racks that load organic HAPs. | ☐YES ☐NO |
| ***Process Wastewater Streams*** | | |
| 12. | The application area includes process wastewater streams.<br>*If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 13. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF.<br>*If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.* | ☐YES ☐NO |
| 14. | The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). | ☐YES ☐NO |
| 15. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F.<br>*If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 37*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Process Wastewater Streams* (continued)** | | |
| 16. | The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii). | ☐YES ☐NO |
| 17. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272.<br>*If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.* | ☐YES ☐NO |
| 18. | The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i). | ☐YES ☐NO |
| 19. | The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii). | ☐YES ☐NO |
| 20. | The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds. | ☐YES ☐NO |
| 21. | The application area includes process wastewater streams, located at existing sources that are Group 2. | ☐YES ☐NO |
| 22. | The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds. | ☐YES ☐NO |
| 23. | The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 38*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Process Wastewater Streams* (continued)** | | |
| 24. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.* | ☐YES ☐NO |
| 25. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.* | ☐YES ☐NO |
| 26. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 27. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 28. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.* | ☐YES ☐NO |
| 29. | The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 30. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 39*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Drains*** | | |
| 31. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 33. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 34. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 35. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 36. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 40*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C.** | **Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)** | |
| | ***Drains* (continued)** | |
| 37. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 38. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| | ***Gas Streams*** | |
| 39. | The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant. | ☐YES ☐NO |
| 40. | The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5). | ☐YES ☐NO |
| **D.** | **Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks** | |
| 1. | The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations. | ☐YES ☒NO |

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| ***Form OP-REQ1: Page 41*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **E.** | **Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities** | |
| 1. | The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials.<br>*If the response to Question VIII.E.1 is "NO," go to Section VIII.F.* | ☐YES ☒NO |
| 2. | Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O.<br>*If the response to Question VIII.E.2 is "NO," go to Section VIII.F.* | ☐YES ☐NO |
| 3. | The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| 4. | The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| **F.** | **Subpart Q - National Emission Standards for Industrial Process Cooling Towers** | |
| 1. | The application area includes industrial process cooling towers.<br>*If the response to Question VIII.F.1 is "NO," go to Section VIII.G.* | ☐YES ☒NO |
| 2. | Chromium-based water treatment chemicals have been used on or after September 8, 1994. | ☐YES ☐NO |
| **G.** | **Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)** | |
| 1. | The application area includes a bulk gasoline terminal. | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station.<br>*If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.* | ☐YES ☒NO |
| 3. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station.<br>*If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 42*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)** | | |
| 4. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs.<br>*If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |
| 5. | An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station.<br>*If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 6. | The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep).<br>*If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 7. | Emissions screening factor less than 0.5 (ET or EP < 0.5).<br>*If the response to Question VIII.G.7 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 8. | Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0).<br>*If the response to Question VIII.G.8 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 9. | Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0).<br>*If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.* | ☐YES ☐NO |
| 10. | The site at which the application area is located is a major source of HAP.<br>*If the response to Question VIII.G.10 is "NO," go to Section VIII.H.* | ☐YES ☐NO |
| 11. | The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f). | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry**

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| 1. | The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2.<br>*If the response to Question VIII.H.1 is "NO," go to Section VIII.I.* | ☐YES ☒NO |
| 2. | The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3).<br>*If the response to Question VIII.H.2 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 3. | The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources.<br>*If the response to Question VIII.H.3 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 4. | The application area includes one or more kraft pulping systems that are existing sources. | ☐YES ☐NO |
| 5. | The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill. | ☐YES ☐NO |
| 6. | The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24.<br>*If the response to Question VIII.H.6 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 7. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i). | ☐YES ☐NO |
| 8. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 44*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **I.** | **Subpart T - National Emission Standards for Halogenated Solvent Cleaning** | |
| 1. | The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent. | ☐YES ☒NO |
| 2. | The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |
| 3. | The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |
| **J.** | **Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins** | |
| 1. | The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units.<br>*If the response to Question VIII.J.1 is "NO," go to Section VIII.K.* | ☐YES ☒NO |
| 2. | Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U.<br>*If the response to Question VIII.J.2 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |
| 4. | The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)**

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| 5. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.* | ☐YES ☐NO |
| 6. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.* | ☐YES ☐NO |
| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 46*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | | |
| ***Containers*** | | |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| ***Drains*** | | |
| 12. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 15. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit.<br>*If the response to Question VIII.J.15 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 16. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12).<br>*If the response to Question VIII.J.16 is "NO," go to Section VIII.K.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 47*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J.** | **Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | |
| | ***Drains* (continued)** | |
| 17. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate. | ☐YES ☐NO |
| 18. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| **K.** | **Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production** | |
| 1. | The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area.<br>*If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.* | ☐YES ☐NO ☒N/A |
| 2. | The application area includes a BLR and/or WSR research and development facility. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 48*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **L.** | **Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting** | |
| 1. | The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter.<br>*If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.* | ☐YES ☐NO ☒N/A |
| 2. | The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources. | ☐YES ☐NO |
| **M.** | **Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations** | |
| 1. | The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561. | ☐YES ☒NO |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries** | |
| | ***Applicability*** | |
| 1. | The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7).<br>*If the response to Question VIII.N.1 is "NO," go to Section VIII.O.* | ☐YES ☒NO |
| 2. | All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7).<br>*If the response to Question VIII.N.2 is "YES," go to Section VIII.O.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 49*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)** | | |
| ***Applicability* (continued)** | | |
| 3. | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.N.3 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 4. | The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC.<br>*If the response to Question VIII.N.4 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 5. | The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | ☐YES ☐NO |
| 6. | The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | ☐YES ☐NO |
| 7. | The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.<br>*If the response to Question VIII.N.7 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 8. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 50*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)** | |
| | ***Applicability* (continued)** | |
| 9. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii).<br>*If the response to Question VIII.N.9 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 10. | The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992. | ☐YES ☐NO |
| | ***Containers, Drains, and other Appurtenances*** | |
| 11. | The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| **O.** | **Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations** | |
| 1. | The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1).<br>*If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P* | ☐YES ☐NO ☒N/A |
| 2. | Materials specified in 40 CFR § 63.680(b)(2) are received at the application area. | ☐YES ☐NO |
| 3. | The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)**

| | | |
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| 4. | The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10). | ☐YES ☐NO |
| 5. | The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality." | ☐YES ☐NO |
| 6. | The predominant activity in the application area is the treatment of wastewater received from off-site. | ☐YES ☐NO |
| 7. | The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6). | ☐YES ☐NO |
| 8. | The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61. | ☐YES ☐NO |
| 9. | The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners). | ☐YES ☐NO |
| 10. | The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year.<br>*If the response to Question VIII.O.10 is "YES," go to Section VIII.P.* | ☐YES ☐NO |

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| *Form OP-REQ1: Page 52* | | |
|---|---|---|
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)** | | |
| 11. | The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater.<br>*If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.* | ☐YES ☐NO |
| 12. | VOHAP concentration is determined by direct measurement. | ☐YES ☐NO |
| 13. | VOHAP concentration is based on knowledge of the off-site material. | ☐YES ☐NO |
| 14. | The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system.<br>*If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.* | ☐YES ☐NO |
| 15. | An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight. | ☐YES ☐NO |
| 16. | An equipment component in the application area is intended to operate 300 hours or more during a 12-month period. | ☐YES ☐NO |
| 17. | The application area includes containers that manage non-exempt off-site material. | ☐YES ☐NO |
| 18. | The application area includes individual drain systems that manage non-exempt off-site materials. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 53*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| | **P.** | **Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities** | |
| | 1. | The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components.<br>*If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.* | ☐YES ☐NO ☒N/A |
| | 2. | The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7). | ☐YES ☐NO |
| | **Q.** | **Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.** | |
| ♦ | 1. | The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer. | ☐YES ☒NO |
| ♦ | 2. | The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user.<br>*For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.*<br>*For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.* | ☐YES ☒NO |
| ♦ | 3. | The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761.<br>*For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.*<br>*For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.* | ☐YES ☐NO |
| ♦ | 4. | The application area is located at a site that is a major source of HAP.<br>*If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)**

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| ♦ | 5. | The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 $ft^3$) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.<br>*For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.*<br>*For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.*<br>*For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.* | ☐YES ☐NO |
| ♦ | 6. | The application area includes a triethylene glycol (TEG) dehydration unit.<br>*For SOP applications, f the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.* | ☐YES ☐NO |
| ♦ | 7. | The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761. | ☐YES ☐NO |
| ♦ | 8. | The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP. | ☐YES ☐NO |
| ♦ | 9. | Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 55*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| **R.** | **Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)** | | |
| 1. | The application area includes shipbuilding or ship repair operations.<br>*If the response to Question VIII.R.1 is "NO," go to Section VIII.S.* | ☒YES | ☒NO |
| 2. | Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II. | ☐YES | ☐NO |
| **S.** | **Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations** | | |
| 1. | The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations.<br>*If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.* | ☐YES | ☐NO<br>☒N/A |
| 2. | The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801. | ☐YES | ☐NO |
| **T.** | **Subpart KK - National Emission Standards for the Printing and Publishing Industry** | | |
| 1. | The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses. | ☐YES | ☐NO<br>☒N/A |
| **U.** | **Subpart PP - National Emission Standards for Containers** | | |
| 1. | The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions.<br>*If the response to Question VIII.U.1 is "NO," go to Section VIII.V.* | ☒YES | ☒NO |
| 2. | The application area includes containers using Container Level 1 controls. | ☐YES | ☐NO |
| 3. | The application area includes containers using Container Level 2 controls. | ☐YES | ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| **U.** | **Subpart PP - National Emission Standards for Containers (continued)** | | |
| | 4. | The application area includes containers using Container Level 3 controls. | ☐YES ☐NO |
| **V.** | **Subpart RR - National Emission Standards for Individual Drain Systems** | | |
| | 1. | The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions. | ☐YES ☒NO |
| **W.** | **Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards** | | |
| | 1. | The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. | ☐YES ☒NO |
| | 2. | The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.<br>*If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.* | ☐YES ☒NO |
| | 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c). | ☐YES ☐NO |
| | 4. | The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c). | ☐YES ☐NO |
| | 5. | All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr. | ☐YES ☐NO |
| | 6. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 57*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |

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***Form OP-REQ1: Page 58***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

| | | |
|---|---|---|
| 15. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit.<br>*If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.* | ☐YES ☐NO |
| 16. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3).<br>*If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.* | ☐YES ☐NO |
| 17. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate. | ☐YES ☐NO |
| 18. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |

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***Form OP-REQ1: Page 59***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

| | | |
|---|---|---|
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| 20. | The application area includes an ethylene production process unit. | ☐YES ☐NO ☒N/A |
| 21. | The application area includes waste streams generated from an ethylene production process unit.<br>*If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.* | ☐YES ☐NO ☒N/A |
| 22. | The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1).<br>*If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 23. | Waste stream(s) are transferred off-site for treatment.<br>*If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.* | ☐YES ☐NO |
| 24. | The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment.<br>*If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |

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***Form OP-REQ1: Page 60***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

| | | |
|---|---|---|
| 25. | The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a). | ☐YES ☐NO |
| 26. | The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b).<br>*If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 27. | The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control.<br>*If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 28. | The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s).<br>*If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.* | ☐YES ☐NO |
| 29. | The application area includes containers that receive, manage, or treat a continuous butadiene waste stream. | ☐YES ☐NO |
| 30. | The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream.<br>*If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 31. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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***Form OP-REQ1: Page 61***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

| | | |
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| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.<br>*If the response to Question VIII.W.32 is required, go to Question VIII.W.43.* | ☐YES ☐NO |
| 33. | The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream.<br>*If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.* | ☐YES ☐NO |
| 34. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.* | ☐YES ☐NO |
| 35. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 36. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream.<br>*If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 37. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 62*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | | |
| 38. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.* | ☐YES ☐NO |
| 39. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 40. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 41. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |
| 42. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 43. | The application area has at least one waste stream that contains benzene.<br>*If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 44. | The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene.<br>*If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.* | ☐YES ☐NO |
| 45. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.* | ☐YES ☐NO |

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***Form OP-REQ1: Page 63***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

| | | |
|---|---|---|
| 46. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 47. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene.<br>*If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 48. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.* | ☐YES ☐NO |
| 49. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.* | ☐YES ☐NO |
| 50. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 51. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 52. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 64*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W.** | **Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | |
| 53. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 54. | The application area contains a cyanide chemicals manufacturing process.<br>*If the response to Question VIII.W.54 is "NO," go to Section VIII.X.* | ☒YES ☒NO |
| 55. | The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile. | ☐YES ☐NO |
| **X.** | **Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins** | |
| 1. | The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ.<br>*If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.* | ☒YES ☒NO |
| 2. | The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units.<br>*If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 3. | All process wastewater streams generated or managed in the application area are from sources producing polystyrene.<br>*If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |
| 4. | All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN.<br>*If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**

| | | |
|---|---|---|
| 5. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 6. | The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 7. | The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 8. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.* | ☐YES ☐NO |
| 9. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 11. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 12. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 66*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)** | | |
| | 13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| | ***Containers*** | |
| | 14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| | ***Drains*** | |
| | 15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.* | ☐YES ☐NO |
| | 16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| | 17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| | 18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit.<br>*If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 67*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)** | | |
| | ***Drains* (continued)** | |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 20. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate. | ☐YES ☐NO |
| 21. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 68*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| | **Y.** | **Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.** | |
| | 1. | The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units. | ☐YES ☒NO |
| | **Z.** | **Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.** | |
| ♦ | 1. | The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills. | ☐YES ☒NO |
| | **AA.** | **Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)** | |
| | 1. | The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1). | ☐YES ☒NO |
| | 2. | The application area is located at a plant site that is a major source as defined in FCAA § 112(a). | ☒YES ☐NO |
| | 3. | The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP.<br>*If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.* | ☐YES ☒NO |
| | 4. | The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF.<br>*If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**

| | | |
|---|---|---|
| 5. | The application area includes process wastewater streams.<br>*If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |
| 6. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| 7. | The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| 8. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.* | ☐YES ☐NO |
| 9. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 11. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 12. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**

| | | |
|---|---|---|
| 13. | Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h).<br>*If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.* | ☐YES ☐NO |
| 14. | The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected. | ☐YES ☐NO |
| 15. | Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite.<br>*If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.* | ☐YES ☐NO |
| 16. | The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit. | ☐YES ☐NO |
| 17. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 18. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 19. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.* | ☐YES ☐NO |
| 20. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**

| | | |
|---|---|---|
| 21. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 23. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 24. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr. | ☐YES ☐NO |
| 25. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute. | ☐YES ☐NO |
| 26. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy. | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| **BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.** | | |
| | 1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions. | ☐YES ☒NO |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation** | | |
| | 1. The application area includes a facility at which a site remediation is conducted. *If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.* | ☐YES ☒NO |
| | 2. The application area is located at a site that is a major source of HAP. *If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.* | ☐YES ☐NO |
| | 3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). *If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| | 4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. *If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| | 5. The site remediation will be completed within 30 consecutive calendar days. | ☐YES ☐NO |
| | 6. No site remediation will exceed 30 consecutive calendar days. *If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| | 7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | ☐YES ☐NO |
| | 8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. *If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)** | | |
| 9. | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.<br>*If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.* | ☐YES ☐NO |
| 10. | The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b). | ☐YES ☐NO |
| 11. | The application area includes containers with a capacity greater than 0.46 $m^3$ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii). | ☐YES ☐NO |
| 12. | The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b). | ☐YES ☐NO |
| 13. | The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b). | ☐YES ☐NO |
| 14. | The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962. | ☐YES ☐NO |
| **DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities** | | |
| 1. | The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions.<br>*If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.* | ☐YES ☒NO |
| 2. | The EAF steelmaking facility is a research and development facility.<br>*If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.* | ☐YES ☐NO |
| 3. | Metallic scrap is utilized in the EAF. | ☐YES ☐NO |
| 4. | Scrap containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |
| 5. | Scrap not containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities**

| | | |
|---|---|---|
| 1. | The application area is located at a site that is an area source of HAPs.<br>*If the answer to Question EE.1 is "NO," go to Section VIII.FF.* | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R. | ☐YES ☐NO |
| 3. | The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB. | ☐YES ☐NO |
| 4. | The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB.<br>*If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.* | ☐YES ☐NO |
| 5. | The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a). | ☐YES ☐NO |
| 6. | The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC.<br>*If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 7. | The bulk gasoline terminal has throughput of less than 250,000 gallons per day.<br>*If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.* | ☐YES ☐NO |
| 8. | The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks. | ☐YES ☐NO |
| 9. | The bulk gasoline terminal loads gasoline into railcar cargo tanks.<br>*If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 10. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**

| | | | |
|---|---|---|---|
| | 11. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit. | ☐YES ☐NO |

**FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area is located at a site that is an area source of hazardous air pollutants.<br>*If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.* | ☐YES ☒NO |
| ♦ | 2. | The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132.<br>*If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment. | ☐YES ☐NO |

**GG. Recently Promulgated 40 CFR Part 63 Subparts**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form.<br>*If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.* | ☒YES ☐NO |
| ♦ | 2. | Provide the Subpart designation (i.e. Subpart EEE) in the space provided below. | |

Subpart ZZZZ

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| **IX.** | **Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10. | ☐YES ☒NO |
| **X.** | **Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone** | | |
| | **A.** | **Subpart A - Production and Consumption Controls** | |
| ♦ | 1. | The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product. | ☐YES ☐NO ☒N/A |
| | **B.** | **Subpart B - Servicing of Motor Vehicle Air Conditioners** | |
| ♦ | 1. | Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area. | ☐YES ☒NO |
| | **C.** | **Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances** | |
| ♦ | 1. | The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C. | ☐YES ☐NO ☒N/A |
| | **D.** | **Subpart D - Federal Procurement** | |
| ♦ | 1. | The application area is owned/operated by a department, agency, or instrumentality of the United States. | ☐YES ☐NO ☒N/A |
| | **E.** | **Subpart E - The Labeling of Products Using Ozone Depleting Substances** | |
| ♦ | 1. | The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer. | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance. | ☐YES ☐NO ☒N/A |
| ♦ | 3. | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance. | ☐YES ☐NO ☒N/A |

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| **X.** | **Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)** | | | |
| | **F.** | **Subpart F - Recycling and Emissions Reduction** | | |
| ♦ | 1. | Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area. | ☐YES | ☒NO |
| ♦ | 2. | Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area. | ☐YES | ☐NO ☒N/A |
| ♦ | 3. | The application area manufactures appliances or refrigerant recycling and recovery equipment. | ☐YES | ☐NO ☒N/A |
| | **G.** | **Subpart G - Significant New Alternatives Policy Program** | | |
| ♦ | 1. | The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound.<br>*If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.* | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7). | ☐YES | ☐NO ☐N/A |
| | **H.** | **Subpart H -Halon Emissions Reduction** | | |
| ♦ | 1. | Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area. | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | Disposal of halons or manufacturing of halon blends is conducted in the application area. | ☐YES | ☐NO ☒N/A |
| **XI.** | **Miscellaneous** | | | |
| | **A.** | **Requirements Reference Tables (RRT) and Flowcharts** | | |
| | 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart. | ☐YES | ☒NO |

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| **XI.** | **Miscellaneous (continued)** | | |
| | **B.** | **Forms** | |
| ♦ | 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form.<br>*If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.* | ☐YES ☒NO ☐N/A |
| ♦ | 2. | Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below. | |
| | **C.** | **Emission Limitation Certifications** | |
| ♦ | 1. | The application area includes units for which federally enforceable emission limitations have been established by certification. | ☒YES ☐NO |
| | **D.** | **Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements** | |
| | 1. | The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP). | ☐YES ☒NO |
| | 2. | The application area includes units located at the site that are subject to a site-specific requirement of the SIP. | ☐YES ☒NO |
| | 3. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator.<br>*If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.* | ☐YES ☒NO |
| | 4. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director.<br>*If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.* | ☐YES ☒NO |

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| **XI.** | **Miscellaneous (continued)** | | |
| | **E.** | **Title IV - Acid Rain Program** | |
| | 1. | The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program. | ☐YES ☒NO |
| | 2. | The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7. | ☐YES ☒NO |
| | 3. | The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8. | ☐YES ☒NO |
| | **F.** | **40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) $NO_X$ Ozone Season Group 2 Trading Program** | |
| | 1. | The application area includes emission units subject to the requirements of the CSAPR $NO_X$ Ozone Season Group 2 Trading Program.<br>*If the response to Question XI.F.1 is "NO," go to Question XI.F.7.* | ☐YES ☒NO |
| | 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for $NO_X$ and heat input. | ☐YES ☐NO |
| | 3. | The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for $NO_X$, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | ☐YES ☐NO |
| | 4. | The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for $NO_X$, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | ☐YES ☐NO |
| | 5. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $NO_X$ and heat input. | ☐YES ☐NO |
| | 6. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $NO_X$ and heat input. | ☐YES ☐NO |
| | 7. | The application area includes emission units that qualify for the CSAPR $NO_X$ Ozone Season Group 2 retired unit exemption. | ☐YES ☒NO |

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| **XI.** | **Miscellaneous (continued)** | | |
| | **G.** | **40 CFR Part 97, Subpart FFFFF - Texas $SO_2$ Trading Program** | |
| | 1. | The application area includes emission units complying with the requirements of the Texas $SO_2$ Trading Program.<br>*If the response to Question XI.G.1 is "NO," go to Question XI.G.6.* | ☐YES ☒NO |
| | 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for $SO_2$ and 40 CFR Part 75, Subpart H for heat input. | ☐YES ☐NO |
| | 3. | The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for $SO_2$ and heat input. | ☐YES ☐NO |
| | 4. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $SO_2$ and heat input. | ☐YES ☐NO |
| | 5. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $SO_2$ and heat input. | ☐YES ☐NO |
| | 6. | The application area includes emission units that qualify for the Texas $SO_2$ Trading Program retired unit exemption. | ☐YES ☒NO |
| | **H.** | **Permit Shield (SOP Applicants Only)** | |
| | 1. | A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit. | ☒YES ☐NO |

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| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 81*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **I.** | **GOP Type (Complete this section for GOP applications only)** | |
| ♦ | 1. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties. | ☐YES ☐NO |
| ♦ | 2. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties. | ☐YES ☐NO |
| ♦ | 3. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties. | ☐YES ☐NO |
| ♦ | 4. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County. | ☐YES ☐NO |
| ♦ | 5. | The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit. | ☐YES ☐NO |
| | **J.** | **Title 30 TAC Chapter 101, Subchapter H** | |
| ♦ | 1. | The application area is located in a nonattainment area.<br>*If the response to Question XI.J.1 is "NO," go to question XI.J.3.* | ☐YES ☒NO |
| ♦ | 2. | The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | ☐YES ☐NO ☒N/A |

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*For SOP applications, answer ALL questions unless otherwise directed.*
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| *Form OP-REQ1: Page 82* | | | | |
|---|---|---|---|---|
| **XI.** | **Miscellaneous (continued)** | | | |
| | **J.** | **Title 30 TAC Chapter 101, Subchapter H (continued)** | | |
| ♦ | 4. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of $NO_X$. | ☐YES ☒NO | |
| ♦ | 5. | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I. | ☐YES ☒NO | |
| ♦ | 6. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2. | ☐YES ☒NO | |
| ♦ | 7. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program. | ☐YES ☒NO | |
| | **K.** | **Periodic Monitoring** | | |
| ♦ | 1. | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. | ☐YES ☒NO | |
| ♦ | 2. | The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.* | ☒YES ☐NO | |
| ♦ | 3. | All periodic monitoring requirements are being removed from the permit with this application. | ☐YES ☒NO | |

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*For SOP applications, answer ALL questions unless otherwise directed.*
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|---|---|---|---|
| ***Form OP-REQ1: Page 83*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **L.** | **Compliance Assurance Monitoring** | |
| ♦ | 1. | The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source.<br>*If the response to Question XI.L.1 is "NO," go to Section XI.M.* | ☐YES ☒NO |
| ♦ | 2. | The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement.<br>*If the response to Question XI.L.2 is "NO," go to Section XI.M.* | ☐YES ☐NO |
| ♦ | 3. | The permit holder has submitted a CAM proposal on Form OP-MON in a previous application. | ☐YES ☐NO |
| ♦ | 4. | The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application.<br>*If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.* | ☐YES ☐NO |
| | 5. | The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit. | ☐YES ☐NO |
| | 6. | Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below. | |
| ♦ | 7. | At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). | ☐YES ☐NO |
| ♦ | 8. | All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).<br>*If the response to Question XI.L.8 is "YES," go to Section XI.M.* | ☐YES ☐NO |

| | |
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♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | | |
|---|---|---|---|---|
| ***Form OP-REQ1: Page 84*** | | | | |
| **XI.** | **Miscellaneous (continued)** | | | |
| | **L.** | **Compliance Assurance Monitoring (continued)** | | |
| ♦ | 9. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 10. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 11. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 12. | The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass. | ☐YES | ☐NO |
| | **M.** | **Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times** | | |
| ♦ | 1. | The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004.<br>*If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.* | ☐YES | ☐NO<br>☒N/A |
| ♦ | 2. | All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES | ☐NO |
| **XII.** | **New Source Review (NSR) Authorizations** | | | |
| | **A.** | **Waste Permits with Air Addendum** | | |
| ♦ | 1. | The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum.<br>*If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.* | ☐YES | ☒NO |

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|---|---|---|---|
| ***Form OP-REQ1: Page 85*** | | | |
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits** | |
| ♦ | 1. | The application area includes at least one Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.* | ☒YES ☐NO |
| ♦ | 2. | The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617. | ☐YES ☒NO |
| ♦ | 3. | The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization. | ☐YES ☒NO |
| ♦ | 4. | The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620. | ☐YES ☒NO |
| ♦ | 5. | The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization. | ☐YES ☒NO |
| ♦ | 6. | The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621. | ☐YES ☒NO |
| ♦ | 7. | The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U. | ☐YES ☒NO |
| | 8. | The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 9. | The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 10. | The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |

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|---|---|---|---|
| ***Form OP-REQ1: Page 86*** | | | |
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits (continued)** | |
| ♦ | 11. | The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 12. | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.12 is "NO," go to Question XII.B.15.* | ☒YES ☐NO |
| ♦ | 13. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region. | ☐YES ☒NO |
| ♦ | 14. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region. | ☒YES ☐NO |
| ♦ | 15. | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 16. | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| | **C.** | **Flexible Permits** | |
| | 1. | The application area includes at least one Flexible Permit NSR authorization. | ☐YES ☒NO |
| | **D.** | **Multiple Plant Permits** | |
| | 1. | The application area includes at least one Multi-Plant Permit NSR authorization. | ☐YES ☒NO |

| | |
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**XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)**

**E. PSD Permits and PSD Major Pollutants**

| | | |
|---|---|---|
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |

*If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.*

**F. Nonattainment (NA) Permits and NA Major Pollutants**

| | | |
|---|---|---|
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |

*If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.*

**G. NSR Authorizations with FCAA § 112(g) Requirements**

| | | | |
|---|---|---|---|
| NSR Permit No.: 140752 | Issuance Date: 01/31/2024 | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |

♦ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

| | | | |
|---|---|---|---|
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |

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♦ *For GOP applications, answer ONLY these question unless otherwise directed.*

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|---|---|
| **XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)** | |
| ♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area** | |
| *A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.* | |
| PBR No.: 106.511 | Version No./Date: effective September 4, 2000 |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
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| PBR No.: | Version No./Date: |
| ♦ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum** | |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |

**Applicable Requirements Summary**
**Form OP-REQ3 (Page 1)**
**Federal Operating Permit Program**

**Table 1a: Additions**

| Date: 08/01/2024 | Regulated Entity No.: RN109220137 | Permit No.: O-3896 |
|---|---|---|
| Company Name: Blaine Larsen Farms, Inc. | Area Name: Larsen Farms Power Generating Facility Plant No. 1 | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s) |
|---|---|---|---|---|---|---|
| 1 | GENSET1-6 | OP-UA2 | 63ZZZZ-1 | HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6595(b)(2)<br>§ 63.6600(b)<br>§ 63.6640(a)-Tables 2a, 2b<br>§ 63.6590(a)(2)(i)<br>§ 63.6625(h)<br>§ 63.6665 |
| 2 | GENSET7-8 | OP-UA2 | 63ZZZZ-1 | HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(b)(1)(i) |
| 3 | GENSET9-11 | OP-UA2 | 63ZZZZ-1 | HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6595(b)(2)<br>§ 63.6600(b)<br>§ 63.6640(a)-Tables 2a, 2b<br>§ 63.6590(a)(2)(i)<br>§ 63.6625(h)<br>§ 63.6665 |
| 4 | GENSET12 | OP-UA2 | 60JJJJ-1 | $NO_X$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g)<br>§ 60.4246 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | GENSET12 | OP-UA2 | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g)<br>§ 60.4246 |
| 4 | GENSET12 | OP-UA2 | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g)<br>§ 60.4246 |
| 4 | GENSET12 | OP-UA2 | 63ZZZZ-1 | HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6595(b)(1)<br>§ 63.6600(b)<br>§ 63.6640(a)-Tables 2a, 2b<br>§ 63.6590(a)(2)(i)<br>§ 63.6665<br>§ 63.6625(h) |
| 5 | GENSET13 | OP-UA2 | 63ZZZZ-1 | HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(c)(6) |

**Applicable Requirements Summary**
**Form OP-REQ3 (Page 2)**
**Federal Operating Permit Program**

**Table 1b: Additions**

| Date: 08/01/2024 | Regulated Entity No.: RN109220137 | Permit No.: O-3896 |
|---|---|---|
| Company Name: Blaine Larsen Farms, Inc. | Area Name: Larsen Farms Power Generating Facility Plant No. 1 | |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|---|---|---|---|---|---|---|
| 1 | GENSET1-6 | 63ZZZZ-1 | HAPS | § 63.6610(a)<br>§ 63.6615<br>§ 63.6620<br>§ 63.6625(b)<br>§ 63.6630(a)-(b)<br>§ 63.6635<br>§ 63.6640(a)-Table 6 | § 63.6630(c)<br>§ 63.6655(a)-(b), (d)<br>§ 63.6660 | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6650 |
| 2 | GENSET7-8 | 63ZZZZ-1 | HAPS | None | None | § 63.6645(f) |
| 3 | GENSET9-11 | 63ZZZZ-1 | HAPS | § 63.6610(a)<br>§ 63.6615<br>§ 63.6620<br>§ 63.6625(b)<br>§ 63.6630(a)-(b)<br>§ 63.6635<br>§ 63.6640(a)-Table 6 | § 63.6630(c)<br>§ 63.6655(a)-(b), (d)<br>§ 63.6660 | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6650 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | GENSET12 | 60JJJJ-1 | $NO_X$ | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(d) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| 4 | GENSET12 | 60JJJJ-1 | CO | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(e) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| 4 | GENSET12 | 60JJJJ-1 | VOC | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(f)<br>§ 60.4244(g) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| 4 | GENSET12 | 63ZZZZ-1 | HAPS | § 63.6610(a)<br>§ 63.6615<br>§ 63.6620<br>§ 63.6625(b)<br>§ 63.6630(a)-(b)<br>§ 63.6635<br>§ 63.6640(a)-Table 6 | § 63.6630(c)<br>§ 63.6655(a)-(b), (d)<br>§ 63.6660 | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6650 |
| 5 | GENSET13 | 63ZZZZ-1 | HAPS | None | None | None |

**Applicable Requirements Summary**
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**Table 2a: Deletions**

| Date: 08/01/2024 | Regulated Entity No.: RN109220137 | Permit No.: O-3896 |
|---|---|---|
| Company Name: Blaine Larsen Farms, Inc. | Area Name: Larsen Farms Power Generating Facility Plant No. 1 | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s) |
|---|---|---|---|---|---|---|
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**Applicable Requirements Summary**
**Form OP-REQ3 (Page 4)**
**Federal Operating Permit Program**

**Table 2b: Deletions**

| Date: 08/01/2024 | Regulated Entity No.: RN109220137 | Permit No.: O-3896 |
|---|---|---|
| Company Name: Blaine Larsen Farms, Inc. | Area Name: Larsen Farms Power Generating Facility Plant No. 1 | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|---|---|---|---|---|---|---|---|
| 2 | GENSET7-8 | OP-UA2 | 60IIII-1 | CO | § 60.4209(b) | § 60.4214(c) | |
| 2 | GENSET7-8 | OP-UA2 | 60IIII-1 | NMHC and $NO_X$ | § 60.4209(b) | § 60.4214(c) | |
| 2 | GENSET7-8 | OP-UA2 | 60IIII-1 | PM | § 60.4209(b) | § 60.4214(c) | |
| 2 | GENSET7-8 | OP-UA2 | 60IIII-1 | PM (Opacity) | § 60.4209(b) | § 60.4214(c) | |
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**Texas Commission on Environmental Quality**
**Federal Operating Permit Program**
**Individual Unit Summary for Revisions**
**Form OP-SUMR**
**Table 1**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|---|---|---|---|---|---|---|---|
| | 1 | GENSET1 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 1 | GENSET2 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 1 | GENSET3 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 1 | GENSET4 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 1 | GENSET5 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 1 | GENSET6 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 2 | GENSET7 | OP-UA2 | CATERPILLAR XQ2000 CI ICE - 1825 KW | | 106.511/09/04/2000 | |
| | 2 | GENSET8 | OP-UA2 | CATERPILLAR XQ2000 CI ICE - 1825 KW | | 106.511/09/04/2000 | |
| | 3 | GENSET9 | OP-UA2 | CAT-1, 1.5 MW RICE | | 140752 | |
| | 3 | GENSET10 | OP-UA2 | CAT-2, 1.5 MW RICE | | 140752 | |
| | 3 | GENSET11 | OP-UA2 | CAT-3, 1.5 MW RICE | | 140752 | |
| A | 4 | GENSET12 | OP-UA2 | CAT-4, 1.5 MW RICE | | 140752 | |
| | 5 | GENSET13 | OP-UA2 | CATERPILLAR 106DE66TAG4 CI ICE - 150 KW | | 106.511/09/04/2000 | |

**Texas Commission on Environmental Quality**
**Federal Operating Permit Program**
**Individual Unit Summary for Revisions**
**Form OP-SUMR**
**Table 2**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|---|---|---|---|---|
| 4 | GENSET12 | OP-UA2 | A | GRPSTARICE |
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# Texas Commission on Environmental Quality
# Form OP-ACPS
# Application Compliance Plan and Schedule

| | | |
|---|---|---|
| **Date:** 08/01/2024 | **Regulated Entity No.:** RN109220137 | **Permit No.:** O-3896 |
| **Company Name:** Blaine Larsen Farms, Inc. | | **Area Name:** Larsen Farms Power Generating Facility Plant No. 1 |

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

**Part 1**

**A. Compliance Plan — Future Activity Committal Statement**

The *Responsible Official* commits, utilizing reasonable effort, to the following:
As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.

**B. Compliance Certification - Statement for Units in Compliance***
**(Indicate response by entering an "X" in the appropriate column)**

| | | |
|---|---|---|
| **1.** | With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application? | ☒ YES ☐ NO |
| **2.** | Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)? | ☐ YES ☒ NO |
| **3.** | If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. *(For reference only)* | |

* *For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status.*
*For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.*

*Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.*

# Texas Commission on Environmental Quality
# Form OP-ACPS
# Application Compliance Plan and Schedule

| | | |
|---|---|---|
| **Date:** 08/01/2024 | **Regulated Entity No.:** RN109220137 | **Permit No.:** O-3896 |
| **Company Name:** Blaine Larsen Farms, Inc. | | **Area Name:** Larsen Farms Power Generating Facility Plant No. 1 |

**Part 2**

## A. Compliance Schedule

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

### 1. Specific Non-Compliance Situation

Unit/Group/Process ID No.(s):

SOP Index No.:

Pollutant:

**Applicable Requirement**

| Citation | Text Description |
|---|---|
| | |
| | |

### 2. Compliance Status Assessment Method and Records Location

| Citation | Text Description | Location of Records/Documentation |
|---|---|---|
| | | |
| | | |

### 3. Non-compliance Situation Description

### 4. Corrective Action Plan Description

### 5. List of Activities/Milestones to Implement the Corrective Action Plan

# Texas Commission on Environmental Quality
# Form OP-ACPS
# Application Compliance Plan and Schedule



| | | |
|---|---|---|
| **Date:** 08/01/2024 | **Regulated Entity No.:** RN109220137 | **Permit No.:** O-3896 |
| **Company Name:** Blaine Larsen Farms, Inc. | | **Area Name:** Larsen Farms Power Generating Facility Plant No. 1 |

**Part 2 (*continued*)**

| 6. Previously Submitted Compliance Plan(s) | |
|---|---|
| **Type of Action** | **Date Submitted** |
| | |

| 7. Progress Report Submission Schedule |
|---|
| |
| |

# Form OP-CRO1
## Certification by Responsible Official
## Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

**I. Identifying Information**

| | | |
|---|---|---|
| RN: 109220137 | CN: 604538777 | Account No.: HIA001A |
| Permit No.: O-3896 | Project No.: TBA | |
| Area Name: Larsen Farms Power Generating Facility Plant No. 1 | Company Name: Blaine Larsen Farms, Inc. | |

**II. Certification Type** *(Please mark the appropriate box)*

☒ Responsible Official ☐ Duly Authorized Representative

**III. Submittal Type** *(Please mark the appropriate box) (Only one response can be accepted per form)*

☐ SOP/TOP Initial Permit Application ☐ Update to Permit Application

☐ GOP Initial Permit Application ☒ Permit Revision, Renewal, or Reopening

☐ Other: _____

**IV. Certification of Truth**

**This certification does not extend to information which is designated by the TCEQ as information for reference only.**

I, Antonio Huaracha *(Certifier Name printed or typed)* certify that I am the DAR *(RO or DAR)*

and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:

*Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).*

Time Period: From _____ *Start Date* to _____ *End Date*

Specific Dates: 08/01/2024 *Date 1* _____ *Date 2* _____ *Date 3* _____ *Date 4* _____ *Date 5* _____ *Date 6*

Signature: Antonio Huaracha Signature Date: 07/30/2024

Title: General Manager

**Permit By Rule Supplemental Table (Page 1)**
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---|---|---|---|
| N/A | | | |
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**Permit By Rule Supplemental Table (Page 2)**
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | PBR No. | Version No./Date |
|---|---|---|
| GENSET7 | 106.511 | 09/04/2000 |
| GENSET8 | 106.511 | 09/04/2000 |
| GENSET13 | 106.511 | 09/04/2000 |
| T-1 | 106.472 | 09/04/2000 |
| T-2 | 106.472 | 09/04/2000 |
| T-3 | 106.472 | 09/04/2000 |
| | | |
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| | | |
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**Permit By Rule Supplemental Table (Page 3)**
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| PBR No. | Version No./Date |
|---|---|
| N/A | |
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**Permit By Rule Supplemental Table (Page 4)**
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---|---|---|---|
| T-1 | 106.472 | 09/04/2000 | |
| T-2 | 106.472 | 09/04/2000 | |
| T-3 | 106.472 | 09/04/2000 | |
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**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 1**
**Texas Commission on Environmental Quality**

| | |
|---|---|
| Date: 08/01/2024 | |
| Permit No.: O-3896 | |
| Regulated Entity No.: RN109220137 | |
| Company Name: Blaine Larsen Farms, Inc. | |
| For Submissions to EPA | |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA? | ☒ YES ☐ NO |
| **I. Application Type** | |
| Indicate the type of application: | |
| ☐ Renewal | |
| ☐ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.) | |
| ☒ Significant Revision | |
| ☐ Revision Requesting Prior Approval | |
| ☐ Administrative Revision | |
| ☐ Response to Reopening | |
| **II. Qualification Statement** | |
| For SOP Revisions Only | ☒ YES ☐ NO |
| For GOP Revisions Only | ☐ YES ☒ NO |

**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 1 *(continued)***
**Texas Commission on Environmental Quality**

| **III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)** | | | | | | |
|---|---|---|---|---|---|---|
| Indicate all pollutants for which the site is a major source based on the site's potential to emit:<br>*(Check the appropriate box[es].)* | | | | | | |
| ☐ VOC | ☒ $NO_X$ | ☐ $SO_2$ | ☐ $PM_{10}$ | ☐ CO | ☐ Pb | ☒ HAP |
| Other: | | | | | | |
| **IV. Reference Only Requirements** *(For reference only)* | | | | | | |
| Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? | | | | | ☒ YES ☐ NO ☐ N/A | |
| **V. Delinquent Fees and Penalties** | | | | | | |
| Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol. | | | | | | |

**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 2**
**Texas Commission on Environmental Quality**

| |
|---|
| Date: 08/01/2024 |
| Permit No.: O-3896 |
| Regulated Entity No.: RN109220137 |
| Company Name: Blaine Larsen Farms, Inc. |

Using the table below, provide a description of the revision.

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|---|---|---|---|---|---|---|
| | | New Unit | ID No. | Applicable Form | | |
| 1 | SIG-B | No | GENSET1-6 | OP-UA2 | 140752 | Increase operating hours from 6,600 to 8,760 hrs/yr |
| 2 | SIG-B | No | GENSET7-8 | OP-UA2 | PBR 106.511 | Increase operating hours from 850 to 876 hrs/yr |
| 3 | SIG-B | No | GENSET9-11 | OP-UA2 | 140752 | Increase operating hours from 4,400 to 8,760 hrs/yr |
| 4 | SIG-B | Yes | GENSET12 | OP-UA2 | 140752 | Addition of a new emission unit |
| 5 | SIG-B | No | GENSET13 | OP-UA2 | PBR 106.511 | Increase operating hours from 660 to 876 hrs/yr |
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**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 3**
**Texas Commission on Environmental Quality**

| | | |
|---|---|---|
| Date: 08/01/2024 | | |
| Permit No.: O-3896 | | |
| Regulated Entity No.: RN109220137 | | |
| Company Name: Blaine Larsen Farms, Inc. | | |
| **I.** | **Significant Revision** *(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)* | |
| A. | Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? | ☒ YES ☐ NO |
| B. | Indicate the alternate language(s) in which public notice is required: Spanish | |
| C. | Will, there be a change in air pollutant emissions as a result of the significant revision? | ☑ YES ☐ NO |

**Federal Operating Permit Program**
**Application for Permit Revision/Renewal**
**Form OP-2-Table 3**
**Texas Commission on Environmental Quality**

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

| Pollutant | Description of the Change in Pollutant Emissions |
|---|---|
| NOx | Increase from 205.08 tpy to 204.07 tpy and remains classified as a NOx major |
| SO2 | Decrease from 10.57 to 0.67 tpy |
| CO | Increase from 45.41 tpy to 53.15 tpy |
| PM10/PM2.5 | Increase from 1.12 tpy to 0.62 tpy |
| VOC | Increase from 17.24 tpy to 77.80 tpy |
| HAPS | Increase from 9.59 tpy to 20.33 tpy |
| Formaldehyde | Increase from 7.18 tpy to 14.41 tpy, and resulting in re-classification as a HAP major |
| | |
| | |
| | |

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 1)**
**Texas Commission on Environmental Quality**

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250 or to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

| | |
|---|---|
| **I.** | **Company Identifying Information** |
| **A.** | Company Name: Blaine Larsen Farms, Inc. |
| **B.** | Customer Reference Number (CN): **CN** 604538777 |
| **C.** | Submittal Date *(mm/dd/yyyy):* 08/01/2024 |
| **II.** | **Site Information** |
| **A.** | Site Name: Power Generating Facility Plant 1 |
| **B.** | Regulated Entity Reference Number (RN): **RN** 109220137 |
| **C.** | Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)* |
| ☐ AR ☐ CO ☐ KS ☐ LA ☒ NM ☒ OK ☐ N/A | |
| **D.** | Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)* |
| ☐ VOC ☒ $NO_X$ ☐ $SO_2$ ☐ $PM_{10}$ ☐ CO ☐ Pb ☒ HAPS | |
| Other: | |
| **E.** | Is the site a non-major source subject to the Federal Operating Permit Program? ☐ YES ☒ NO |
| **F.** | Is the site within a local program area jurisdiction? ☐ YES ☒ NO |
| **G.** | Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☒ NO |
| **H.** | Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: |
| **III.** | **Permit Type** |
| **A.** | Type of Permit Requested: *(Select only one response )* |
| ☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP) | |

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 2)**
**Texas Commission on Environmental Quality**

| | | |
|---|---|---|
| **IV.** | **Initial Application Information** *(Complete for Initial Issuance Applications Only.)* | |
| **A.** | Is this submittal an abbreviated or a full application? | ☐ Abbreviated ☐ Full |
| **B.** | If this is a full application, is the submittal a follow-up to an abbreviated application? | ☐ YES ☐ NO |
| **C.** | If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? | ☐ YES ☐ NO |
| **D.** | Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) | ☐ YES ☐ NO |
| **E.** | Has the required Public Involvement Plan been included with this application? | ☐ YES ☐ NO |
| **V.** | **Confidential Information** | |
| **A.** | Is confidential information submitted in conjunction with this application? | ☐ YES ☒ NO |
| **VI.** | **Responsible Official (RO) Identifying Information** | |
| RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) | | |
| RO Full Name: Blaine Larsen | | |
| RO Title: President | | |
| Employer Name: Blaine Larsen Farms, Inc. | | |
| Mailing Address: 12295 County Road 11 | | |
| City: Dalhart | | |
| State: Texas | | |
| ZIP Code: 79022 | | |
| Territory: | | |
| Country: United States | | |
| Foreign Postal Code: | | |
| Internal Mail Code: | | |
| Telephone No.: (806) 333-0321 | | |
| Fax No.: | | |
| Email: blarsen@larsenfarms.com | | |

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 3)**
**Texas Commission on Environmental Quality**

| **VII. Technical Contact Identifying Information** *(Complete if different from RO.)* | |
|---|---|
| Technical Contact Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) | |
| Technical Contact Full Name: | Thomas Warnack |
| Technical Contact Title: | Air Quality Engineer |
| Employer Name: | INTERA Incorporated |
| Mailing Address: | 9600 Great Hills Tr, Suite 300W |
| City: | Austin |
| State: | Texas |
| ZIP Code: | 78759 |
| Territory: | |
| Country: | United States |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | (512) 425-2060 |
| Fax No.: | |
| Email: | twarnack@intera.com |

| **VIII. Reference Only Requirements** *(For reference only.)* | | |
|---|---|---|
| **A.** | State Senator: | Kevin Sparks |
| **B.** | State Representative: | John T. Smithee |
| **C.** | Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? | ☒ YES ☐ NO ☐ N/A |
| **D.** | Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? | ☒ YES ☐ NO |
| **E.** | Indicate the alternate language(s) in which public notice is required: | Spanish |

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 4)**
**Texas Commission on Environmental Quality**

| | |
|---|---|
| **IX.** | **Off-Site Permit Request** *(Optional for applicants requesting to hold the FOP and records at an off-site location.)* |
| **A.** | Office/Facility Name: |
| **B.** | Physical Address: |
| City: | |
| State: | |
| ZIP Code: | |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| **C.** | Physical Location: |
| | |
| | |
| | |
| **D.** | Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| Contact Full Name: | |
| **E.** | Telephone No.: |
| **X.** | **Application Area Information** |
| **A.** | Area Name: Larsen Farms Power Generating Facility Plant No. 1 |
| **B.** | Physical Address: 12295 County Road 11 |
| City: | Dalhart |
| State: | Texas |
| ZIP Code: | 79022 |
| **C.** | Physical Location: From the intersection of County Road 11 and FM 1727, head south down County Road 11 for approximately 10.1 miles. Turn right and travel west for approximately 1 mile. The site will be on the left. |
| | |
| | |
| **D.** | Nearest City: Dalhart |
| **E.** | State: Texas |
| **F.** | ZIP Code: 79022 |

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 5)**
**Texas Commission on Environmental Quality**

| | |
|---|---|
| **X.** | **Application Area Information** ***(continued)*** |
| **G.** | Latitude (nearest second): 35° 55' 59.127" |
| **H.** | Longitude (nearest second): -102° 53' 38.043" |
| **I.** | Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☒ NO |
| **J.** | Indicate the estimated number of emission units in the application area: 13 |
| **K.** | Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO |
| **XI.** | **Public Notice** *(Complete this section for SOP Applications and Acid Rain Permit Applications only.)* |
| **A.** | Name of a public place to view application and draft permit: Dallam-Hartley County Library |
| **B.** | Physical Address: 420 Denrock Ave |
| City: | Dalhart |
| ZIP Code: | 79022 |
| **C.** | Contact Person (Someone who will answer questions from the public during the public notice period): |
| Contact Name Prefix: (☐ Mr. ☐ Mrs. ☒ Ms. ☐ Dr.): | |
| Contact Person Full Name: | Alisa Heggie |
| Contact Mailing Address: | 12295 County Road 11 |
| City: | Dalhart |
| State: | Texas |
| ZIP Code: | 79022 |
| Territory: | |
| Country: | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: | 806-268-2636 |

| **XII. Delinquent Fees and Penalties** |
|---|
| **Notice:** This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." |
| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
| **XIII. Designated Representative (DR) Identifying Information** |
| DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| DR Full Name: |
| DR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

**Federal Operating Permit Program**
**Site Information Summary**
**Form OP-1 (Page 7)**
**Texas Commission on Environmental Quality**

| **Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.** |
|---|
| **XIV. Alternate Designated Representative (ADR) Identifying Information** |
| ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.) |
| ADR Full Name: |
| ADR Title: |
| Employer Name: |
| Mailing Address: |
| City: |
| State: |
| ZIP Code: |
| Territory: |
| Country: |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: |
| Fax No.: |
| Email: |

**Texas Commission on Environmental Quality**
**Federal Operating Permit Program**
**Individual Unit Summary for Revisions**
**Form OP-SUMR**
**Table 1**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|---|---|---|---|---|---|---|---|
| | 1 | GENSET1 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 1 | GENSET2 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 1 | GENSET3 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 1 | GENSET4 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 1 | GENSET5 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 1 | GENSET6 | OP-UA2 | CATERPILLAR CG17020 SI ICE - 4SLB 2795 HP | | 140752 | |
| | 2 | GENSET7 | OP-UA2 | CATERPILLAR XQ2000 CI ICE - 1825 KW | | 106.511/09/04/2000 | |
| | 2 | GENSET8 | OP-UA2 | CATERPILLAR XQ2000 CI ICE - 1825 KW | | 106.511/09/04/2000 | |
| | 3 | GENSET9 | OP-UA2 | CAT-1, 1.5 MW RICE | | 140752 | |
| | 3 | GENSET10 | OP-UA2 | CAT-2, 1.5 MW RICE | | 140752 | |
| | 3 | GENSET11 | OP-UA2 | CAT-3, 1.5 MW RICE | | 140752 | |
| A | 4 | GENSET12 | OP-UA2 | CAT-4, 1.5 MW RICE | | 140752 | |
| | 5 | GENSET13 | OP-UA2 | CATERPILLAR 106DE66TAG4 CI ICE - 150 KW | | 106.511/09/04/2000 | |

**Texas Commission on Environmental Quality**
**Federal Operating Permit Program**
**Individual Unit Summary for Revisions**
**Form OP-SUMR**
**Table 2**

| Date | Permit No. | Regulated Entity No. |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|---|---|---|---|---|
| 4 | GENSET12 | OP-UA2 | A | GRPSTARICE |
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**Applicable Requirements Summary**
**Form OP-REQ3 (Page 1)**
**Federal Operating Permit Program**

**Table 1a: Additions**

| Date: 08/01/2024 | Regulated Entity No.: RN109220137 | Permit No.: O-3896 |
|---|---|---|
| Company Name: Blaine Larsen Farms, Inc. | Area Name: Larsen Farms Power Generating Facility Plant No. 1 | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s) |
|---|---|---|---|---|---|---|
| 1 | GENSET1-6 | OP-UA2 | 63ZZZZ-1 | HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6595(b)(2)<br>§ 63.6600(b)<br>§ 63.6640(a)-Tables 2a, 2b<br>§ 63.6590(a)(2)(i)<br>§ 63.6625(h)<br>§ 63.6665 |
| 2 | GENSET7-8 | OP-UA2 | 63ZZZZ-1 | HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(b)(1)(i) |
| 3 | GENSET9-11 | OP-UA2 | 63ZZZZ-1 | HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6595(b)(2)<br>§ 63.6600(b)<br>§ 63.6640(a)-Tables 2a, 2b<br>§ 63.6590(a)(2)(i)<br>§ 63.6625(h)<br>§ 63.6665 |
| 4 | GENSET12 | OP-UA2 | 60JJJJ-1 | $NO_X$ | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g)<br>§ 60.4246 |

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|---|---|---|---|---|---|---|
| 4 | GENSET12 | OP-UA2 | 60JJJJ-1 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g)<br>§ 60.4246 |
| 4 | GENSET12 | OP-UA2 | 60JJJJ-1 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table 1<br>§ 60.4234<br>§ 60.4243(b)<br>§ 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4243(g)<br>§ 60.4246 |
| 4 | GENSET12 | OP-UA2 | 63ZZZZ-1 | HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6595(b)(1)<br>§ 63.6600(b)<br>§ 63.6640(a)-Tables 2a, 2b<br>§ 63.6590(a)(2)(i)<br>§ 63.6665<br>§ 63.6625(h) |
| 5 | GENSET13 | OP-UA2 | 63ZZZZ-1 | HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(c)(6) |

**Applicable Requirements Summary**
**Form OP-REQ3 (Page 2)**
**Federal Operating Permit Program**

**Table 1b: Additions**

| Date: 08/01/2024 | Regulated Entity No.: RN109220137 | Permit No.: O-3896 |
|---|---|---|
| Company Name: Blaine Larsen Farms, Inc. | Area Name: Larsen Farms Power Generating Facility Plant No. 1 | |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|---|---|---|---|---|---|---|
| 1 | GENSET1-6 | 63ZZZZ-1 | HAPS | § 63.6610(a)<br>§ 63.6615<br>§ 63.6620<br>§ 63.6625(b)<br>§ 63.6630(a)-(b)<br>§ 63.6635<br>§ 63.6640(a)-Table 6 | § 63.6630(c)<br>§ 63.6655(a)-(b), (d)<br>§ 63.6660 | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6650 |
| 2 | GENSET7-8 | 63ZZZZ-1 | HAPS | None | None | § 63.6645(f) |
| 3 | GENSET9-11 | 63ZZZZ-1 | HAPS | § 63.6610(a)<br>§ 63.6615<br>§ 63.6620<br>§ 63.6625(b)<br>§ 63.6630(a)-(b)<br>§ 63.6635<br>§ 63.6640(a)-Table 6 | § 63.6630(c)<br>§ 63.6655(a)-(b), (d)<br>§ 63.6660 | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6650 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | GENSET12 | 60JJJJ-1 | $NO_X$ | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(d) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| 4 | GENSET12 | 60JJJJ-1 | CO | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(e) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| 4 | GENSET12 | 60JJJJ-1 | VOC | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4244(a)<br>§ 60.4244(b)<br>§ 60.4244(c)<br>§ 60.4244(f)<br>§ 60.4244(g) | § 60.4243(b)(2)<br>§ 60.4243(b)(2)(ii)<br>§ 60.4243(e)<br>§ 60.4245(a)<br>§ 60.4245(a)(1)<br>§ 60.4245(a)(2)<br>§ 60.4245(a)(4) | [G]§ 60.4245(c)<br>§ 60.4245(d) |
| 4 | GENSET12 | 63ZZZZ-1 | HAPS | § 63.6610(a)<br>§ 63.6615<br>§ 63.6620<br>§ 63.6625(b)<br>§ 63.6630(a)-(b)<br>§ 63.6635<br>§ 63.6640(a)-Table 6 | § 63.6630(c)<br>§ 63.6655(a)-(b), (d)<br>§ 63.6660 | § 63.6640(b)<br>§ 63.6640(e)<br>§ 63.6645(a)<br>§ 63.6645(c)<br>§ 63.6645(g)<br>§ 63.6645(h)<br>§ 63.6650 |
| 5 | GENSET13 | 63ZZZZ-1 | HAPS | None | None | None |

**Applicable Requirements Summary**
**Form OP-REQ3 (Page 3)**
**Federal Operating Permit Program**

**Table 2a: Deletions**

| Date: 08/01/2024 | Regulated Entity No.: RN109220137 | Permit No.: O-3896 |
|---|---|---|
| Company Name: Blaine Larsen Farms, Inc. | Area Name: Larsen Farms Power Generating Facility Plant No. 1 | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s) |
|---|---|---|---|---|---|---|
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**Applicable Requirements Summary**
**Form OP-REQ3 (Page 4)**
**Federal Operating Permit Program**

**Table 2b: Deletions**

| Date: 08/01/2024 | Regulated Entity No.: RN109220137 | Permit No.: O-3896 |
|---|---|---|
| Company Name: Blaine Larsen Farms, Inc. | Area Name: Larsen Farms Power Generating Facility Plant No. 1 | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|---|---|---|---|---|---|---|---|
| 2 | GENSET7-8 | OP-UA2 | 60IIII-1 | CO | § 60.4209(b) | § 60.4214(c) | |
| 2 | GENSET7-8 | OP-UA2 | 60IIII-1 | NMHC and $NO_X$ | § 60.4209(b) | § 60.4214(c) | |
| 2 | GENSET7-8 | OP-UA2 | 60IIII-1 | PM | § 60.4209(b) | § 60.4214(c) | |
| 2 | GENSET7-8 | OP-UA2 | 60IIII-1 | PM (Opacity) | § 60.4209(b) | § 60.4214(c) | |
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**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

***Form OP-REQ1: Page 1***

**I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter**

**A. Visible Emissions**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area includes stationary vents constructed on or before January 31, 1972. | ☐YES ☒NO |
| ♦ | 2. | The application area includes stationary vents constructed after January 31, 1972.<br>*If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.*<br>*If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.* | ☒YES ☐NO |
| ♦ | 3. | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972. | ☐YES ☐NO |
| ♦ | 4. | All stationary vents are addressed on a unit specific basis. | ☐YES ☒NO |
| ♦ | 5. | Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area. | ☒YES ☐NO |
| ♦ | 6. | The application area includes structures subject to 30 TAC § 111.111(a)(7)(A). | ☒YES ☐NO |
| ♦ | 7. | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A). | ☒YES ☐NO |
| ♦ | 8. | Emissions from units in the application area include contributions from uncombined water. | ☐YES ☒NO |
| ♦ | 9. | The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c). | ☐YES ☐NO ☒N/A |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 2*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **B.** | **Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots** | |
| | 1. | Items a - d determines applicability of any of these requirements based on geographical location. | |
| ♦ | a. | The application area is located within the City of El Paso. | ☐YES ☒NO |
| ♦ | b. | The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. | ☐YES ☒NO |
| ♦ | c. | The application area is located in the portion of Harris County inside the loop formed by Beltway 8. | ☐YES ☒NO |
| ♦ | d. | The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. | ☐YES ☒NO |
| | | *If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.* | |
| | 2. | Items a - d determine the specific applicability of these requirements. | |
| ♦ | a. | The application area is subject to 30 TAC § 111.143. | ☐YES ☐NO |
| ♦ | b. | The application area is subject to 30 TAC § 111.145. | ☐YES ☐NO |
| ♦ | c. | The application area is subject to 30 TAC § 111.147. | ☐YES ☐NO |
| ♦ | d. | The application area is subject to 30 TAC § 111.149. | ☐YES ☐NO |
| | **C.** | **Emissions Limits on Nonagricultural Processes** | |
| ♦ | 1. | The application area includes a nonagricultural process subject to 30 TAC § 111.151. | ☒YES ☐NO |
| | 2. | The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements.<br>*If the response to Question I.C.2 is "NO," go to Question I.C.4.* | ☐YES ☒NO |
| | 3. | All vents from nonagricultural process in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 3*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **C.** | **Emissions Limits on Nonagricultural Processes (continued)** | |
| | 4. | The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c). | ☐YES ☒NO |
| | 5. | The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.5 is "NO," go to Question I.C.7.* | ☐YES ☒NO |
| | 6. | All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | 7. | The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b). | ☐YES ☒NO |
| | 8. | The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements.<br>*If the response to Question I.C.8 is "NO," go to Section I.D.* | ☐YES ☒NO |
| | 9. | All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements. | ☐YES ☐NO |
| | **D.** | **Emissions Limits on Agricultural Processes** | |
| | 1. | The application area includes agricultural processes subject to 30 TAC § 111.171. | ☐YES ☒NO |
| | **E.** | **Outdoor Burning** | |
| ♦ | 1. | Outdoor burning is conducted in the application area.<br>*If the response to Question I.E.1 is "NO," go to Section II.* | ☐YES ☒NO |
| ♦ | 2. | Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205. | ☐YES ☐NO |
| ♦ | 3. | Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207. | ☐YES ☐NO |
| ♦ | 4. | Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209. | ☐YES ☐NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 4*** | | | |
| **I.** | **Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)** | | |
| | **E.** | **Outdoor Burning (continued)** | |
| ♦ | 5. | Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. | ☐YES ☐NO |
| ♦ | 6. | Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. | ☐YES ☐NO |
| ♦ | 7. | The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. | ☐YES ☐NO |
| **II.** | **Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds** | | |
| | **A.** | **Temporary Fuel Shortage Plan Requirements** | |
| | 1. | The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18. | ☐YES ☒NO |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10.<br>*See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.* | ☐YES ☒NO |
| | **B.** | **Storage of Volatile Organic Compounds** | |
| ♦ | 1. | The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere. | ☐YES ☐NO |

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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|---|---|---|---|
| ***Form OP-REQ1: Page 5*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **C.** | **Industrial Wastewater** | |
| | 1. | The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140.<br>*If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.* | ☐YES ☐NO ☐N/A |
| | 2. | The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area.<br>*If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.* | ☐YES ☐NO |
| | 3. | The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater).<br>*If the response to Question III.C.3 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 4. | The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons).<br>*If the response to Question III.C.4 is "YES," go to Section III.D.* | ☐YES ☐NO |
| | 5. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1). | ☐YES ☐NO |
| | 6. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2). | ☐YES ☐NO |
| | 7. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4). | ☐YES ☐NO |
| | **D.** | **Loading and Unloading of VOCs** | |
| ♦ | 1. | The application area includes VOC loading operations. | ☐YES ☐NO |
| ♦ | 2. | The application area includes VOC transport vessel unloading operations.<br>*For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.* | ☐YES ☐NO |

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 6*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **D.** | **Loading and Unloading of VOCs (continued)** | |
| ♦ | 3. | Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area. | ☐YES ☐NO |
| | **E.** | **Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities** | |
| ♦ | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container.<br>*If the response to Question III.E.1 is "NO," go to Section III.F.* | ☐YES ☐NO |
| ♦ | 2. | Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area. | ☐YES ☐NO |
| ♦ | 3. | All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent.<br>*If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | 4. | The application area is located in a covered attainment county as defined in 30 TAC § 115.10.<br>*If the response to Question III.E.4 is "NO," go to Question III.E.9.* | ☐YES ☐NO |
| ♦ | 5. | Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | 6. | Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility. | ☐YES ☐NO |
| ♦ | 7. | At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014.<br>*If the response to Question III.E.7 is "YES," go to Section III.F.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 7*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **E.** | **Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)** | |
| ♦ | 8. | At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004.<br>*If the response to Question III.E.8 is "YES," go to Section III.F.* | ☐YES ☐NO |
| ♦ | 9. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | ☐YES ☐NO |
| ♦ | 10. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | ☐YES ☐NO |
| ♦ | 11. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992. | ☐YES ☐NO |
| ♦ | 12. | At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005. | ☐YES ☐NO |
| | **F.** | **Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)** | |
| ♦ | 1. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area. | ☐YES ☐NO ☐N/A |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **F.** | **Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)** | |
| ♦ | 2. | Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area. | ☐YES ☐NO ☐N/A |
| | **G.** | **Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities** | |
| ♦ | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks.<br>*If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012. | ☐YES ☐NO |
| ♦ | 3. | The application area includes facilities that began construction prior to November 15, 1992.<br>*If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.* | ☐YES ☐NO |
| ♦ | 4. | The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline. | ☐YES ☐NO |
| ♦ | 5. | The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 9*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **H.** | **Control Of Reid Vapor Pressure (RVP) of Gasoline** | |
| ♦ | 1. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County.<br>*If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements. | ☐YES ☐NO |
| ♦ | 3. | The application area includes a motor vehicle fuel dispensing facility. | ☐YES ☐NO |
| ♦ | 4. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less. | ☐YES ☐NO |
| | **I.** | **Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries** | |
| | 1. | The application area is located at a petroleum refinery. | ☐YES ☐NO |
| | **J.** | **Surface Coating Processes (Complete this section for GOP applications only.)** | |
| ♦ | 1. | Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 10*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **K.** | **Cutback Asphalt** | |
| | 1. | Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency.<br>*If the response to Question III.K.1 is "N/A," go to Section III.L.* | ☐YES ☐NO ☐N/A |
| | 2. | The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area. | ☐YES ☐NO ☐N/A |
| | 3. | Asphalt emulsion is used or produced within the application area. | ☐YES ☐NO |
| | 4. | The application area is using an alternate control requirement as specified in 30 TAC § 115.513.<br>*If the response to Question III.K.4 is "NO," go to Section III.L.* | ☐YES ☐NO |
| | 5. | The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1). | ☐YES ☐NO |
| | 6. | The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat. | ☐YES ☐NO |
| | 7. | The applicant using cutback asphalt is a state, municipal, or county agency. | ☐YES ☐NO |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels** | |
| ♦ | 1. | The application area includes degassing operations for stationary, marine, and/or transport vessels.<br>*If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.* | ☐YES ☐NO ☐N/A |
| ♦ | 2. | Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area.<br>*If the response to Question III.L.2 is "YES," go to Section III.M.* | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 11*** | | | |
| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **L.** | **Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)** | |
| ♦ | 3. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 4. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 5. | Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO |
| ♦ | 6. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐YES ☐NO ☐N/A |
| ♦ | 7. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area. | ☐YES ☐NO ☐N/A |
| | **M.** | **Petroleum Dry Cleaning Systems** | |
| | 1. | The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents. | ☐YES ☐NO ☐N/A |

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| **III.** | **Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)** | | |
| | **N.** | **Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC)** | |
| | 1. | The application area includes one or more vent gas streams containing HRVOC. | ☐YES ☐NO ☐N/A |
| | 2. | The application area includes one or more flares that emit or have the potential to emit HRVOC.<br>*If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.* | ☐YES ☐NO ☐N/A |
| | 3. | All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times. | ☐YES ☐NO |
| | 4. | All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times.<br>*If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.* | ☐YES ☐NO |
| | 5. | The application area contains pressure relief valves that are not controlled by a flare. | ☐YES ☐NO |
| | 6. | The application area has at least one vent stream which has no potential to emit HRVOC. | ☐YES ☐NO |
| | 7. | The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H). | ☐YES ☐NO |
| | **O.** | **Cooling Tower Heat Exchange Systems (HRVOC)** | |
| | 1. | The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 13*** | | | |
| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area.<br>*For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.*<br>*For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.*<br>*For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.*<br>*For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.* | ☐YES ☒NO |
| | 2. | The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln.<br>*If the response to Question IV.A.2 is "YES," go to Question IV.H.1.* | ☐YES ☒NO |
| | 3. | The application area includes a utility electric generator in an east or central Texas county.<br>*See instructions for a list of counties included.*<br>*If the response to Question IV.A.3 is "YES," go to Question IV.G.1.*<br>*If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.* | ☐YES ☒NO |
| | **B.** | **Utility Electric Generation in Ozone Nonattainment Areas** | |
| | 1. | The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300.<br>*If the response to Question IV.B.1 is "NO," go to Question IV.C.1.* | ☐YES ☐NO |
| | 2. | The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 14*** | | | |
| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)** | | |
| | **C.** | **Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas** | |
| ♦ | 1. | The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400.<br>*For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.* | ☐YES ☐NO |
| ♦ | 2. | The application area is located at a site that was a major source of $NO_X$ before November 15, 1992. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320. | ☐YES ☐NO |
| | **D.** | **Adipic Acid Manufacturing** | |
| | 1. | The application area is located at, or part of, an adipic acid production unit. | ☐YES ☐NO ☐N/A |
| | **E.** | **Nitric Acid Manufacturing - Ozone Nonattainment Areas** | |
| | 1. | The application area is located at, or part of, a nitric acid production unit. | ☐YES ☐NO ☐N/A |
| | **F.** | **Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines** | |
| ♦ | 1. | The application area is located at a site that is a minor source of $NO_X$ in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County).<br>*For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.* | ☐YES ☐NO |
| ♦ | 2. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a). | ☐YES ☐NO |
| ♦ | 3. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b). | ☐YES ☐NO |

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| **IV.** | **Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)** | | |
| | **F.** | **Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)** | |
| ♦ | 4. | The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103. | ☐YES ☐NO |
| ♦ | 5. | The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110. | ☐YES ☐NO |
| | 6. | The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125.<br>*If the response to Question IV.F.6 is "NO," go to Section IV.G.* | ☐YES ☐NO |
| | 7. | An ACSS for carbon monoxide (CO) has been approved? | ☐YES ☐NO |
| | 8. | An ACSS for ammonia ($NH_3$) has been approved? | ☐YES ☐NO |
| | 9. | Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below. | |
| | **G.** | **Utility Electric Generation in East and Central Texas** | |
| | 1. | The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995.<br>*If the response to Question IV.G.1 is "NO," go to Question IV.H.1.* | ☐YES ☐NO |
| | 2. | The application area is complying with the System Cap in 30 TAC § 117.3020. | ☐YES ☐NO |
| | **H.** | **Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters** | |
| | 1. | The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less.<br>*If the response to question IV.H.1 is "NO," go to Section V.* | ☐YES ☒NO |
| | 2. | All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203. | ☐YES ☐NO |

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**V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products**

**A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings**

| | | |
|---|---|---|
| 1. | The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States. | ☐YES ☒NO |
| 2. | The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States.<br>*If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.* | ☐YES ☒NO |
| 3. | All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6). | ☐YES ☐NO |

**B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products**

| | | |
|---|---|---|
| 1. | The application area manufactures consumer products for sale or distribution in the United States. | ☐YES ☒NO |
| 2. | The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States. | ☐YES ☒NO |
| 3. | The application area is a distributor of consumer products whose name appears on the label of one or more of the products.<br>*If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.* | ☐YES ☒NO |
| 4. | All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7). | ☐YES ☐NO |

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**V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)**

**C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings**

| | | | |
|---|---|---|---|
| | 1. | The application area manufactures or imports architectural coatings for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act.<br>*If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.* | ☐YES ☒NO |
| | 3. | All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5). | ☐YES ☐NO |

**D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings**

| | | | |
|---|---|---|---|
| | 1. | The application area manufactures or imports aerosol coating products for sale or distribution in the United States. | ☐YES ☒NO |
| | 2. | The application area is a distributor of aerosol coatings for resale or distribution in the United States. | ☐YES ☒NO |

**E. Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers**

| | | | |
|---|---|---|---|
| | 1. | The application area manufactures or imports portable fuel containers for sale or distribution in the United States.<br>*If the response to Question V.E.1 is "NO," go to Section VI.* | ☐YES ☒NO |
| | 2. | All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c). | ☐YES ☐NO |

**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards**

**A. Applicability**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts.<br>*If the response to Question VI.A.1 is "NO," go to Section VII.* | ☒YES ☐NO |

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| ***Form OP-REQ1: Page 18*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **B.** | **Subpart Y - Standards of Performance for Coal Preparation and Processing Plants** | |
| | 1. | The application area is located at a coal preparation and processing plant.<br>*If the response to Question VI.B.1 is "NO," go to Section VI.C.* | ☐YES ☒NO |
| | 2. | The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd).<br>*If the response to Question VI.B.2 is "NO," go to Section VI.C.* | ☐YES ☐NO |
| | 3. | The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option.<br>*If the response to Question VI.B.3 is "YES," go to Section VI.C.* | ☐YES ☐NO |
| | 4. | The plant contains an open storage pile, as defined in § 60.251, as an affected facility.<br>*If the response to Question VI.B.4 is "NO," go to Section VI.C.* | ☐YES ☐NO |
| | 5. | The open storage pile was constructed, reconstructed or modified after May 27, 2009. | ☐YES ☐NO |
| | **C.** | **Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)** | |
| ♦ | 1. | The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired.<br>*If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005.<br>*If the response to Question VI.C.2 is "NO," go to Section VI.D.* | ☐YES ☐NO |
| ♦ | 3. | One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4). | ☐YES ☐NO |
| ♦ | 4. | The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 19*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **C.** | **Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)** | |
| ♦ | 5. | One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides. | ☐YES ☐NO |
| | **D.** | **Subpart XX - Standards of Performance for Bulk Gasoline Terminals** | |
| | 1. | The application area includes bulk gasoline terminal loading racks.<br>*If the response to Question VI.D.1 is "NO," go to Section VI.E.* | ☐YES ☐NO<br>☒N/A |
| | 2. | One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC. | ☐YES ☐NO |
| | **E.** | **Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions** | |
| ♦ | 1. | The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore).<br>*For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.* | ☐YES ☒NO |
| ♦ | 2. | The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011.<br>*For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.* | ☐YES ☐NO |

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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide ($SO_2$) Emissions (continued)**

| | | | |
|---|---|---|---|
| ♦ | 4. | Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.<br>*For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.* | ☐YES ☐NO |
| ♦ | 5. | Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below. | |

**F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants**

| | | | |
|---|---|---|---|
| | 1. | The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.<br>*If the response to Question VI.F.1 is "NO," go to Section VI.G.* | ☐YES ☒NO |
| | 2. | Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO. | ☐YES ☐NO |

**G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems**

| | | | |
|---|---|---|---|
| | 1. | The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987.<br>*If the response to Question VI.G.1 is "NO," go to Section VI.H.* | ☐YES ☒NO |
| | 2. | The application area includes storm water sewer systems. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 21*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **G.** | **Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)** | |
| | 3. | The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater. | ☐YES ☐NO |
| | 4. | The application area includes non-contact cooling water systems. | ☐YES ☐NO |
| | 5. | The application area includes individual drain systems.<br>*If the response to Question VI.G.5 is "NO," go to Section VI.H.* | ☐YES ☐NO |
| | 6. | The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d). | ☐YES ☐NO |
| | 7. | The application area includes completely closed drain systems. | ☐YES ☐NO |
| | **H.** | **Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004** | |
| ♦ | 1. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.H.4 is "NO," go to Section VI.I.* | ☐YES ☐NO |

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♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)**

| | | | |
|---|---|---|---|
| ♦ | 5. | The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.<br>*If the response to Question VI.H.5 is "NO," go to Question VI.H.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste. | ☐YES ☐NO |

**I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 23*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)** | | |
| | **I.** | **Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)** | |
| ♦ | 3. | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.I.4 is "NO," go to Section VI.J.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.<br>*If the response to Question VI.I.5 is "NO," go to VI.I.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001. | ☐YES ☐NO |
| ♦ | 8. | All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |

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**VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**

**J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.<br>*If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.* | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one air curtain incinerator.<br>*If the response to Question VI.J.4 is "NO," go to Section VI.K.* | ☐YES ☐NO |
| ♦ | 5. | The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.<br>*If the response to Question VI.J.5 is "NO," go to Question VI.J.7.* | ☐YES ☐NO |
| ♦ | 6. | All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 7. | The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 25*** | | | |
| **VI.** | **Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)** | | |
| | **J.** | **Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)** | |
| ♦ | 8. | All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| ♦ | 9. | The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste. | ☐YES ☐NO |
| ♦ | 10. | The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES ☐NO |
| | **K.** | **Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution** | |
| ♦ | 1. | The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO. | ☐YES ☒NO |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts.<br>*If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.* | YES ☐NO ☒N/A |
| | **B.** | **Subpart F - National Emission Standard for Vinyl Chloride** | |
| | 1. | The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride. | YES ☐NO |
| | **C.** | **Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks Emission Sources) of Benzene (Complete this section for GOP applications only)** | |
| ♦ | 1. | The application area includes equipment in benzene service. | ☐YES ☐NO ☐N/A |

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| ***Form OP-REQ1: Page 26*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants** | | |
| 1. | The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b).<br>*If the response to Question VII.D.1 is "NO," go to Section VII.E.* | ☐YES ☐NO |
| 2. | The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b). | ☐YES ☐NO |
| 3. | The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2. | ☐YES ☐NO |
| **E. Subpart M - National Emission Standard for Asbestos** | | |
| ***Applicability*** | | |
| 1. | The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155.<br>*If the response to Question VII.E.1 is "NO," go to Section VII.F.* | ☐YES ☐NO |
| ***Roadway Construction*** | | |
| 2. | The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material. | ☐YES ☐NO |
| ***Manufacturing Commercial Asbestos*** | | |
| 3. | The application area includes a manufacturing operation using commercial asbestos.<br>*If the response to Question VII.E.3 is "NO," go to Question VII.E.4.* | ☐YES ☐NO |
| a. | Visible emissions are discharged to outside air from the manufacturing operation | ☐YES ☐NO |
| b. | An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 27*** | | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | | |
| **E. Subpart M - National Emission Standard for Asbestos (continued)** | | | |
| ***Manufacturing Commercial Asbestos* (continued)** | | | |
| | c. | Asbestos-containing waste material is processed into non-friable forms. | YES ☐NO |
| | d. | Asbestos-containing waste material is adequately wetted. | YES ☐NO |
| | e. | Alternative filtering equipment is being used that has received EPA approval. | YES ☐NO |
| | f. | A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles | YES ☐NO |
| | g. | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| ***Asbestos Spray Application*** | | | |
| 4. | | The application area includes operations in which asbestos-containing materials are spray applied.<br>*If the response to Question VII.E.4 is "NO," go to Question VII.E.5.* | ☐YES ☐NO |
| | a. | Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying.<br>*If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.* | ☐YES ☐NO |
| | b. | Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos. | ☐YES ☐NO |
| | c. | An alternative emission control and waste treatment method is being used that has received prior EPA approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 28*** | | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | | |
| **E. Subpart M - National Emission Standard for Asbestos (continued)** | | | |
| ***Asbestos Spray Application* (continued)** | | | |
| | d. | Asbestos-containing waste material is processed into non-friable forms. | YES ☐NO |
| | e. | Asbestos-containing waste material is adequately wetted. | YES NO |
| | f. | Alternative filtering equipment is being used that has received EPA approval. | YES ☐NO |
| | g. | A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | h. | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| ***Fabricating Commercial Asbestos*** | | | |
| 5. | | The application area includes a fabricating operation using commercial asbestos. *If the response to Question VII.E.5 is "NO," go to Question VII.E.6.* | ☐YES ☐NO |
| | a. | Visible emissions are discharged to outside air from the manufacturing operation. | ☐YES ☐NO |
| | b. | An alternative emission control and waste treatment method is being used that has received prior EPA approval. | ☐YES ☐NO |
| | c. | Asbestos-containing waste material is processed into non-friable forms. | ☐YES ☐NO |
| | d. | Asbestos-containing waste material is adequately wetted. | ☐YES ☐NO |
| | e. | Alternative filtering equipment is being used that has received EPA approval. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 29*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **E.** | **Subpart M - National Emission Standard for Asbestos (continued)** | |
| | ***Fabricating Commercial Asbestos* (continued)** | |
| | f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles. | YES ☐NO |
| | g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | YES ☐NO |
| | ***Non-sprayed Asbestos Insulation*** | |
| | 6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying. | YES ☐NO |
| | ***Asbestos Conversion*** | |
| | 7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material. | ☐YES ☐NO |
| **F.** | **Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities** | |
| | 1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process. | ☐YES ☐NO |
| **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations** | |
| | 1. The application area is located at a benzene production facility and/or bulk terminal.<br>*If the response to Question VII.G.1 is "NO," go to Section VII.H.* | ☐YES ☐NO |
| | 2. The application area includes benzene transfer operations at marine vessel loading racks. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 30*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **G.** | **Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)** | |
| 3. | The application area includes benzene transfer operations at railcar loading racks. | ☐YES ☐NO |
| 4. | The application area includes benzene transfer operations at tank-truck loading racks. | ☐YES ☐NO |
| **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations** | |
| | ***Applicability*** | |
| 1. | The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341. | ☐YES ☐NO |
| 2. | The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b).<br>*If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.* | ☐YES ☐NO |
| 3. | The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates.<br>*If the response to Question VII.H.3 is "YES," go to Section VIII.* | ☐YES ☐NO |
| 4. | The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr).<br>*If the response to Question VII.H.4 is "YES," go to Section VIII* | ☐YES ☐NO |
| 5. | The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr.<br>*If the response to Question VII.H.5 is "YES," go to Section VIII.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 31*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | | |
| | ***Applicability* (continued)** | |
| 6. | The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation. | ☐YES ☐NO |
| 7. | The application area has waste streams with flow-weighted annual average water content of 10% or greater. | ☐YES ☐NO |
| | ***Waste Stream Exemptions*** | |
| 8. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw). | ☐YES ☐NO |
| 9. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr. | ☐YES ☐NO |
| 10. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr. | ☐YES ☐NO |
| 11. | The application area transfers waste off-site for treatment by another facility. | ☐YES ☐NO |
| 12. | The application area is complying with 40 CFR § 61.342(d). | ☐YES ☐NO |
| 13. | The application area is complying with 40 CFR § 61.342(e).<br>*If the response to Question VII.H.13 is "NO," go to Question VII.H.15.* | ☐YES ☐NO |
| 14. | The application area has facility waste with a flow weighted annual average water content of less than 10%. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 32*** | | |
| **VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| **H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | | |
| ***Container Requirements*** | | |
| 15. | The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste.<br>*If the response to Question VII.H.15 is "NO," go to Question VII.H.18.* | ☐YES ☐NO |
| 16. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VII.H.16 is "YES," go to Question VII.H.18.* | ☐YES ☐NO |
| 17. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| ***Individual Drain Systems*** | | |
| 18. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste.<br>*If the response to Question VII.H.18 is "NO," go to Question VII.H.25.* | ☐YES ☐NO |
| 19. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VII.H.19 is "YES," go to Question VII.H.25.* | ☐YES ☐NO |
| 20. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VII.H.20 is "NO," go to Question VII.H.22.* | ☐YES ☐NO |
| 21. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 33*** | | | |
| **VII.** | **Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)** | | |
| | **H.** | **Subpart FF - National Emission Standard for Benzene Waste Operations (continued)** | |
| | | ***Individual Drain Systems* (continued)** | |
| | 22. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VII.H.22 is "NO," go to Question VII.H.25.* | YES ☐NO |
| | 23. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | YES ☐NO |
| | 24. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | YES ☐NO |
| | | ***Remediation Activities*** | |
| | 25. | Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF. | YES ☐NO |
| **VIII.** | **Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63.<br>*See instructions for 40 CFR Part 63 subparts made applicable only by reference.* | ☒YES ☐NO |
| | **B.** | **Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry** | |
| | 1. | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.B.1 is "NO," go to Section VIII.D.* | ☒YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)**

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| 2. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).<br>*If the response to Question VIII.B.2 is "NO," go to Section VIII.D.* | ☐YES ☒NO |
| 3. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | ☐YES ☐NO |
| 4. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | ☐YES ☐NO |
| 5. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does not use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.<br>*If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 35*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater** | | |
| ***Applicability*** | | |
| 1. | The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F.<br>*If the response to Question VIII.C.1 is "NO," go to Section VIII.D.* | ☐YES ☐NO |
| 2. | The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148. | ☐YES ☐NO |
| 3. | The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148.<br>*If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| 4. | The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping. | ☐YES ☐NO |
| 5. | The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere.<br>*If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.* | ☐YES ☐NO |
| ***Vapor Collection and Closed Vent Systems*** | | |
| 6. | Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area. | ☐YES ☐NO |
| 7. | Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 36*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Reloading or Cleaning of Railcars, Tank Trucks, or Barges*** | | |
| 8. | The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank.<br>*If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.* | ☐YES ☐NO |
| 9. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater. | ☐YES ☐NO |
| 10. | The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system. | ☐YES ☐NO |
| ***Transfer Racks*** | | |
| 11. | The application area includes Group 1 transfer racks that load organic HAPs. | ☐YES ☐NO |
| ***Process Wastewater Streams*** | | |
| 12. | The application area includes process wastewater streams.<br>*If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 13. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF.<br>*If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.* | ☐YES ☐NO |
| 14. | The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). | ☐YES ☐NO |
| 15. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F.<br>*If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 37*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)** | | |
| ***Process Wastewater Streams* (continued)** | | |
| 16. | The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii). | ☐YES ☐NO |
| 17. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272.<br>*If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.* | ☐YES ☐NO |
| 18. | The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i). | ☐YES ☐NO |
| 19. | The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii). | ☐YES ☐NO |
| 20. | The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds. | ☐YES ☐NO |
| 21. | The application area includes process wastewater streams, located at existing sources that are Group 2. | ☐YES ☐NO |
| 22. | The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds. | ☐YES ☐NO |
| 23. | The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds. | ☐YES ☐NO |

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***Form OP-REQ1: Page 38***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)**

***Process Wastewater Streams* (continued)**

| | | |
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| 24. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.* | ☐YES ☐NO |
| 25. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.* | ☐YES ☐NO |
| 26. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 27. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 28. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.* | ☐YES ☐NO |
| 29. | The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 30. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |

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***Form OP-REQ1: Page 39***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)**

***Drains***

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| 31. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.* | ☐YES ☐NO |
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 33. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 34. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 35. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.* | ☐YES ☐NO |
| 36. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 40*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **C.** | **Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)** | |
| | ***Drains* (continued)** | |
| 37. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 38. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| | ***Gas Streams*** | |
| 39. | The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant. | ☐YES ☐NO |
| 40. | The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5). | ☐YES ☐NO |
| **D.** | **Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks** | |
| 1. | The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations. | ☐YES ☒NO |

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| ***Form OP-REQ1: Page 41*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **E.** | **Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities** | |
| 1. | The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials.<br>*If the response to Question VIII.E.1 is "NO," go to Section VIII.F.* | ☐YES ☒NO |
| 2. | Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O.<br>*If the response to Question VIII.E.2 is "NO," go to Section VIII.F.* | ☐YES ☐NO |
| 3. | The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| 4. | The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996. | ☐YES ☐NO |
| **F.** | **Subpart Q - National Emission Standards for Industrial Process Cooling Towers** | |
| 1. | The application area includes industrial process cooling towers.<br>*If the response to Question VIII.F.1 is "NO," go to Section VIII.G.* | ☐YES ☒NO |
| 2. | Chromium-based water treatment chemicals have been used on or after September 8, 1994. | ☐YES ☐NO |
| **G.** | **Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)** | |
| 1. | The application area includes a bulk gasoline terminal. | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station.<br>*If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.* | ☐YES ☒NO |
| 3. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station.<br>*If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 42*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)** | | |
| 4. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs.<br>*If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.* | ☐YES ☐NO |
| 5. | An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station.<br>*If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 6. | The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep).<br>*If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.* | ☐YES ☐NO |
| 7. | Emissions screening factor less than 0.5 (ET or EP < 0.5).<br>*If the response to Question VIII.G.7 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 8. | Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0).<br>*If the response to Question VIII.G.8 is "YES," go to Section VIII.H.* | ☐YES ☐NO |
| 9. | Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0).<br>*If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.* | ☐YES ☐NO |
| 10. | The site at which the application area is located is a major source of HAP.<br>*If the response to Question VIII.G.10 is "NO," go to Section VIII.H.* | ☐YES ☐NO |
| 11. | The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f). | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry**

| | | |
|---|---|---|
| 1. | The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2.<br>*If the response to Question VIII.H.1 is "NO," go to Section VIII.I.* | ☐YES ☒NO |
| 2. | The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3).<br>*If the response to Question VIII.H.2 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 3. | The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources.<br>*If the response to Question VIII.H.3 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 4. | The application area includes one or more kraft pulping systems that are existing sources. | ☐YES ☐NO |
| 5. | The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill. | ☐YES ☐NO |
| 6. | The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24.<br>*If the response to Question VIII.H.6 is "NO," go to Section VIII.I.* | ☐YES ☐NO |
| 7. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i). | ☐YES ☐NO |
| 8. | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 44*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **I.** | **Subpart T - National Emission Standards for Halogenated Solvent Cleaning** | |
| 1. | The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent. | ☐YES ☒NO |
| 2. | The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |
| 3. | The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride. | ☐YES ☒NO |
| **J.** | **Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins** | |
| 1. | The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units.<br>*If the response to Question VIII.J.1 is "NO," go to Section VIII.K.* | ☐YES ☒NO |
| 2. | Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U.<br>*If the response to Question VIII.J.2 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |
| 4. | The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 45*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J.** | **Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | |
| 5. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.* | ☐YES ☐NO |
| 6. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.* | ☐YES ☐NO |
| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 46*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | | |
| ***Containers*** | | |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| ***Drains*** | | |
| 12. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 15. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit.<br>*If the response to Question VIII.J.15 is "NO," go to Section VIII.K.* | ☐YES ☐NO |
| 16. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12).<br>*If the response to Question VIII.J.16 is "NO," go to Section VIII.K.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 47*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **J.** | **Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)** | |
| | ***Drains* (continued)** | |
| 17. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate. | ☐YES ☐NO |
| 18. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| **K.** | **Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production** | |
| 1. | The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area.<br>*If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.* | ☐YES ☐NO ☒N/A |
| 2. | The application area includes a BLR and/or WSR research and development facility. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting**

| | | |
|---|---|---|
| 1. | The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter.<br>*If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.* | ☐YES ☐NO ☒N/A |
| 2. | The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources. | ☐YES ☐NO |

**M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations**

| | | |
|---|---|---|
| 1. | The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561. | ☐YES ☒NO |

**N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**

***Applicability***

| | | |
|---|---|---|
| 1. | The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7).<br>*If the response to Question VIII.N.1 is "NO," go to Section VIII.O.* | ☐YES ☒NO |
| 2. | All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7).<br>*If the response to Question VIII.N.2 is "YES," go to Section VIII.O.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 49*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)** | | |
| ***Applicability* (continued)** | | |
| 3. | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).<br>*If the response to Question VIII.N.3 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 4. | The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC.<br>*If the response to Question VIII.N.4 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 5. | The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | ☐YES ☐NO |
| 6. | The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. | ☐YES ☐NO |
| 7. | The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.<br>*If the response to Question VIII.N.7 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 8. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i). | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 50*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **N.** | **Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)** | |
| | ***Applicability* (continued)** | |
| 9. | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii).<br>*If the response to Question VIII.N.9 is "NO," go to Section VIII.O.* | ☐YES ☐NO |
| 10. | The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992. | ☐YES ☐NO |
| | ***Containers, Drains, and other Appurtenances*** | |
| 11. | The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii). | ☐YES ☐NO |
| **O.** | **Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations** | |
| 1. | The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1).<br>*If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P* | ☐YES ☐NO ☒N/A |
| 2. | Materials specified in 40 CFR § 63.680(b)(2) are received at the application area. | ☐YES ☐NO |
| 3. | The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265. | ☐YES ☐NO |

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***Form OP-REQ1: Page 51***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)**

| | | |
|---|---|---|
| 4. | The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10). | ☐YES ☐NO |
| 5. | The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality." | ☐YES ☐NO |
| 6. | The predominant activity in the application area is the treatment of wastewater received from off-site. | ☐YES ☐NO |
| 7. | The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6). | ☐YES ☐NO |
| 8. | The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61. | ☐YES ☐NO |
| 9. | The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners). | ☐YES ☐NO |
| 10. | The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year.<br>*If the response to Question VIII.O.10 is "YES," go to Section VIII.P.* | ☐YES ☐NO |

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***Form OP-REQ1: Page 52***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)**

| | | |
|---|---|---|
| 11. | The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater.<br>*If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.* | ☐YES ☐NO |
| 12. | VOHAP concentration is determined by direct measurement. | ☐YES ☐NO |
| 13. | VOHAP concentration is based on knowledge of the off-site material. | ☐YES ☐NO |
| 14. | The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system.<br>*If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.* | ☐YES ☐NO |
| 15. | An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight. | ☐YES ☐NO |
| 16. | An equipment component in the application area is intended to operate 300 hours or more during a 12-month period. | ☐YES ☐NO |
| 17. | The application area includes containers that manage non-exempt off-site material. | ☐YES ☐NO |
| 18. | The application area includes individual drain systems that manage non-exempt off-site materials. | ☐YES ☐NO |

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***Form OP-REQ1: Page 53***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities**

| | | | |
|---|---|---|---|
| | 1. | The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components.<br>*If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.* | ☐YES ☐NO ☒N/A |
| | 2. | The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7). | ☐YES ☐NO |

**Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer. | ☐YES ☒NO |
| ♦ | 2. | The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user.<br>*For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.*<br>*For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.* | ☐YES ☒NO |
| ♦ | 3. | The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761.<br>*For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.*<br>*For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.* | ☐YES ☐NO |
| ♦ | 4. | The application area is located at a site that is a major source of HAP.<br>*If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 54*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| | **Q.** | **Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)** | |
| ♦ | 5. | The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 $ft^3$) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.<br>*For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.*<br>*For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.*<br>*For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.* | ☐YES ☐NO |
| ♦ | 6. | The application area includes a triethylene glycol (TEG) dehydration unit.<br>*For SOP applications, f the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.* | ☐YES ☐NO |
| ♦ | 7. | The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761. | ☐YES ☐NO |
| ♦ | 8. | The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP. | ☐YES ☐NO |
| ♦ | 9. | Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii). | ☐YES ☐NO |

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***Form OP-REQ1: Page 55***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)**

| | | |
|---|---|---|
| 1. | The application area includes shipbuilding or ship repair operations.<br>*If the response to Question VIII.R.1 is "NO," go to Section VIII.S.* | ☒YES ☒NO |
| 2. | Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II. | ☐YES ☐NO |

**S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations**

| | | |
|---|---|---|
| 1. | The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations.<br>*If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.* | ☐YES ☐NO<br>☒N/A |
| 2. | The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801. | ☐YES ☐NO |

**T. Subpart KK - National Emission Standards for the Printing and Publishing Industry**

| | | |
|---|---|---|
| 1. | The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses. | ☐YES ☐NO<br>☒N/A |

**U. Subpart PP - National Emission Standards for Containers**

| | | |
|---|---|---|
| 1. | The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions.<br>*If the response to Question VIII.U.1 is "NO," go to Section VIII.V.* | ☒YES ☒NO |
| 2. | The application area includes containers using Container Level 1 controls. | ☐YES ☐NO |
| 3. | The application area includes containers using Container Level 2 controls. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 56*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **U.** | **Subpart PP - National Emission Standards for Containers (continued)** | |
| 4. | The application area includes containers using Container Level 3 controls. | ☐YES ☐NO |
| **V.** | **Subpart RR - National Emission Standards for Individual Drain Systems** | |
| 1. | The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions. | ☐YES ☒NO |
| **W.** | **Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards** | |
| 1. | The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. | ☐YES ☒NO |
| 2. | The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.<br>*If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.* | ☐YES ☒NO |
| 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c). | ☐YES ☐NO |
| 4. | The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c). | ☐YES ☐NO |
| 5. | All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr. | ☐YES ☐NO |
| 6. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.* | ☐YES ☐NO |

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***Form OP-REQ1: Page 57***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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| 7. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 8. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 9. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 11. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 12. | The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.* | ☐YES ☐NO |
| 13. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| 14. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

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| 15. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit.<br>*If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.* | ☐YES ☐NO |
| 16. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3).<br>*If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.* | ☐YES ☐NO |
| 17. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate. | ☐YES ☐NO |
| 18. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |

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***Form OP-REQ1: Page 59***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

| | | |
|---|---|---|
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐YES ☐NO |
| 20. | The application area includes an ethylene production process unit. | ☐YES ☐NO ☒N/A |
| 21. | The application area includes waste streams generated from an ethylene production process unit.<br>*If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.* | ☐YES ☐NO ☒N/A |
| 22. | The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1).<br>*If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 23. | Waste stream(s) are transferred off-site for treatment.<br>*If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.* | ☐YES ☐NO |
| 24. | The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment.<br>*If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

| | | |
|---|---|---|
| 25. | The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a). | ☐YES ☐NO |
| 26. | The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b).<br>*If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 27. | The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control.<br>*If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 28. | The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s).<br>*If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.* | ☐YES ☐NO |
| 29. | The application area includes containers that receive, manage, or treat a continuous butadiene waste stream. | ☐YES ☐NO |
| 30. | The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream.<br>*If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 31. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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***Form OP-REQ1: Page 61***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

| | | |
|---|---|---|
| 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.<br>*If the response to Question VIII.W.32 is required, go to Question VIII.W.43.* | ☐YES ☐NO |
| 33. | The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream.<br>*If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.* | ☐YES ☐NO |
| 34. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.* | ☐YES ☐NO |
| 35. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 36. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream.<br>*If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 37. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.* | ☐YES ☐NO |

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***Form OP-REQ1: Page 62***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

| | | |
|---|---|---|
| 38. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.* | ☐YES ☐NO |
| 39. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 40. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.* | ☐YES ☐NO |
| 41. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |
| 42. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 43. | The application area has at least one waste stream that contains benzene.<br>*If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 44. | The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene.<br>*If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.* | ☐YES ☐NO |
| 45. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.<br>*If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.* | ☐YES ☐NO |

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***Form OP-REQ1: Page 63***

**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**

| | | |
|---|---|---|
| 46. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 47. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene.<br>*If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 48. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.<br>*If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.* | ☐YES ☐NO |
| 49. | The application area has individual drain systems complying with 40 CFR § 61.346(a).<br>*If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.* | ☐YES ☐NO |
| 50. | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | ☐YES ☐NO |
| 51. | The application area has individual drain systems complying with 40 CFR § 61.346(b).<br>*If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.* | ☐YES ☐NO |
| 52. | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 64*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **W.** | **Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)** | |
| 53. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | ☐YES ☐NO |
| 54. | The application area contains a cyanide chemicals manufacturing process.<br>*If the response to Question VIII.W.54 is "NO," go to Section VIII.X.* | ☒YES ☒NO |
| 55. | The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile. | ☐YES ☐NO |
| **X.** | **Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins** | |
| 1. | The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ.<br>*If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.* | ☒YES ☒NO |
| 2. | The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units.<br>*If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 3. | All process wastewater streams generated or managed in the application area are from sources producing polystyrene.<br>*If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |
| 4. | All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN.<br>*If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**

| | | |
|---|---|---|
| 5. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 6. | The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 7. | The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312. | ☐YES ☐NO |
| 8. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.* | ☐YES ☐NO |
| 9. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 11. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 12. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.* | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 66*** | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)** | | |
| | 13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| | ***Containers*** | |
| | 14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| | ***Drains*** | |
| | 15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.* | ☐YES ☐NO |
| | 16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |
| | 17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| | 18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit.<br>*If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)** | | |
| ***Drains* (continued)** | | |
| 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.* | ☐YES ☐NO |
| 20. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate. | ☐YES ☐NO |
| 21. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute | ☐YES ☐NO |

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| ***Form OP-REQ1: Page 68*** | | | |
| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | | |
| | **Y.** | **Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.** | |
| | 1. | The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units. | ☐YES ☒NO |
| | **Z.** | **Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.** | |
| ♦ | 1. | The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills. | ☐YES ☒NO |
| | **AA.** | **Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)** | |
| | 1. | The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1). | ☐YES ☒NO |
| | 2. | The application area is located at a plant site that is a major source as defined in FCAA § 112(a). | ☒YES ☐NO |
| | 3. | The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP.<br>*If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.* | ☐YES ☒NO |
| | 4. | The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF.<br>*If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**

| | | |
|---|---|---|
| 5. | The application area includes process wastewater streams.<br>*If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |
| 6. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| 7. | The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | ☐YES ☐NO |
| 8. | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.* | ☐YES ☐NO |
| 9. | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.<br>*If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.* | ☐YES ☐NO |
| 10. | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | ☐YES ☐NO |
| 11. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐YES ☐NO |
| 12. | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.<br>*If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.* | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**

| | | |
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| 13. | Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h).<br>*If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.* | ☐YES ☐NO |
| 14. | The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected. | ☐YES ☐NO |
| 15. | Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite.<br>*If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.* | ☐YES ☐NO |
| 16. | The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit. | ☐YES ☐NO |
| 17. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | ☐YES ☐NO |
| 18. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | ☐YES ☐NO |
| 19. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.<br>*If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.* | ☐YES ☐NO |
| 20. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**

| | | |
|---|---|---|
| 21. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES ☐NO |
| 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).<br>*If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 23. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).<br>*If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.* | ☐YES ☐NO |
| 24. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr. | ☐YES ☐NO |
| 25. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute. | ☐YES ☐NO |
| 26. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy. | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)** | | |
| **BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.** | | |
| 1. | The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions. | ☐YES ☒NO |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation** | | |
| 1. | The application area includes a facility at which a site remediation is conducted.<br>*If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.* | ☐YES ☒NO |
| 2. | The application area is located at a site that is a major source of HAP.<br>*If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.* | ☐YES ☐NO |
| 3. | All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6).<br>*If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 4. | Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.<br>*If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 5. | The site remediation will be completed within 30 consecutive calendar days. | ☐YES ☐NO |
| 6. | No site remediation will exceed 30 consecutive calendar days.<br>*If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |
| 7. | Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | ☐YES ☐NO |
| 8. | All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.<br>*If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.* | ☐YES ☐NO |

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| **VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)** | | |
| **CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)** | | |
| 9. | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.<br>*If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.* | ☐YES ☐NO |
| 10. | The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b). | ☐YES ☐NO |
| 11. | The application area includes containers with a capacity greater than 0.46 $m^3$ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii). | ☐YES ☐NO |
| 12. | The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b). | ☐YES ☐NO |
| 13. | The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b). | ☐YES ☐NO |
| 14. | The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962. | ☐YES ☐NO |
| **DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities** | | |
| 1. | The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions.<br>*If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.* | ☐YES ☒NO |
| 2. | The EAF steelmaking facility is a research and development facility.<br>*If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.* | ☐YES ☐NO |
| 3. | Metallic scrap is utilized in the EAF. | ☐YES ☐NO |
| 4. | Scrap containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |
| 5. | Scrap not containing motor vehicle scrap is utilized in the EAF. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities**

| | | |
|---|---|---|
| 1. | The application area is located at a site that is an area source of HAPs.<br>*If the answer to Question EE.1 is "NO," go to Section VIII.FF.* | ☐YES ☒NO |
| 2. | The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R. | ☐YES ☐NO |
| 3. | The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB. | ☐YES ☐NO |
| 4. | The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB.<br>*If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.* | ☐YES ☐NO |
| 5. | The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a). | ☐YES ☐NO |
| 6. | The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC.<br>*If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 7. | The bulk gasoline terminal has throughput of less than 250,000 gallons per day.<br>*If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.* | ☐YES ☐NO |
| 8. | The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks. | ☐YES ☐NO |
| 9. | The bulk gasoline terminal loads gasoline into railcar cargo tanks.<br>*If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.* | ☐YES ☐NO |
| 10. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system. | ☐YES ☐NO |

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**VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**

**EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**

| | | | |
|---|---|---|---|
| | 11. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit. | ☐YES ☐NO |

**FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area is located at a site that is an area source of hazardous air pollutants.<br>*If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.* | ☐YES ☒NO |
| ♦ | 2. | The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132.<br>*If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.* | ☐YES ☐NO |
| ♦ | 3. | The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons. | ☐YES ☐NO |
| ♦ | 4. | The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment. | ☐YES ☐NO |

**GG. Recently Promulgated 40 CFR Part 63 Subparts**

| | | | |
|---|---|---|---|
| ♦ | 1. | The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form.<br>*If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.* | ☒YES ☐NO |
| ♦ | 2. | Provide the Subpart designation (i.e. Subpart EEE) in the space provided below. | |

Subpart ZZZZ

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| **IX.** | **Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions** | | |
| | **A.** | **Applicability** | |
| ♦ | 1. | The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10. | ☐YES ☒NO |
| **X.** | **Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone** | | |
| | **A.** | **Subpart A - Production and Consumption Controls** | |
| ♦ | 1. | The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product. | ☐YES ☐NO ☒N/A |
| | **B.** | **Subpart B - Servicing of Motor Vehicle Air Conditioners** | |
| ♦ | 1. | Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area. | ☐YES ☒NO |
| | **C.** | **Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances** | |
| ♦ | 1. | The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C. | ☐YES ☐NO ☒N/A |
| | **D.** | **Subpart D - Federal Procurement** | |
| ♦ | 1. | The application area is owned/operated by a department, agency, or instrumentality of the United States. | ☐YES ☐NO ☒N/A |
| | **E.** | **Subpart E - The Labeling of Products Using Ozone Depleting Substances** | |
| ♦ | 1. | The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer. | ☐YES ☐NO ☒N/A |
| ♦ | 2. | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance. | ☐YES ☐NO ☒N/A |
| ♦ | 3. | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance. | ☐YES ☐NO ☒N/A |

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| **X.** | **Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)** | | | |
| | **F.** | **Subpart F - Recycling and Emissions Reduction** | | |
| ♦ | 1. | Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area. | ☐YES | ☒NO |
| ♦ | 2. | Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area. | ☐YES | ☐NO ☒N/A |
| ♦ | 3. | The application area manufactures appliances or refrigerant recycling and recovery equipment. | ☐YES | ☐NO ☒N/A |
| | **G.** | **Subpart G - Significant New Alternatives Policy Program** | | |
| ♦ | 1. | The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound.<br>*If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.* | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7). | ☐YES | ☐NO ☐N/A |
| | **H.** | **Subpart H -Halon Emissions Reduction** | | |
| ♦ | 1. | Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area. | ☐YES | ☐NO ☒N/A |
| ♦ | 2. | Disposal of halons or manufacturing of halon blends is conducted in the application area. | ☐YES | ☐NO ☒N/A |
| **XI.** | **Miscellaneous** | | | |
| | **A.** | **Requirements Reference Tables (RRT) and Flowcharts** | | |
| | 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart. | ☐YES | ☒NO |

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| **XI.** | **Miscellaneous (continued)** | | |
| | **B.** | **Forms** | |
| ♦ | 1. | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form.<br>*If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.* | ☐YES ☒NO ☐N/A |
| ♦ | 2. | Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below. | |
| | **C.** | **Emission Limitation Certifications** | |
| ♦ | 1. | The application area includes units for which federally enforceable emission limitations have been established by certification. | ☒YES ☐NO |
| | **D.** | **Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements** | |
| | 1. | The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP). | ☐YES ☒NO |
| | 2. | The application area includes units located at the site that are subject to a site-specific requirement of the SIP. | ☐YES ☒NO |
| | 3. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator.<br>*If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.* | ☐YES ☒NO |
| | 4. | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director.<br>*If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.* | ☐YES ☒NO |

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| **XI.** | **Miscellaneous (continued)** | | |
| | **E.** | **Title IV - Acid Rain Program** | |
| | 1. | The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program. | ☐YES ☒NO |
| | 2. | The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7. | ☐YES ☒NO |
| | 3. | The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8. | ☐YES ☒NO |
| | **F.** | **40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) $NO_X$ Ozone Season Group 2 Trading Program** | |
| | 1. | The application area includes emission units subject to the requirements of the CSAPR $NO_X$ Ozone Season Group 2 Trading Program.<br>*If the response to Question XI.F.1 is "NO," go to Question XI.F.7.* | ☐YES ☒NO |
| | 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for $NO_X$ and heat input. | ☐YES ☐NO |
| | 3. | The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for $NO_X$, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | ☐YES ☐NO |
| | 4. | The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for $NO_X$, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | ☐YES ☐NO |
| | 5. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $NO_X$ and heat input. | ☐YES ☐NO |
| | 6. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $NO_X$ and heat input. | ☐YES ☐NO |
| | 7. | The application area includes emission units that qualify for the CSAPR $NO_X$ Ozone Season Group 2 retired unit exemption. | ☐YES ☒NO |

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| **XI.** | **Miscellaneous (continued)** | | |
| | **G.** | **40 CFR Part 97, Subpart FFFFF - Texas $SO_2$ Trading Program** | |
| | 1. | The application area includes emission units complying with the requirements of the Texas $SO_2$ Trading Program.<br>*If the response to Question XI.G.1 is "NO," go to Question XI.G.6.* | ☐YES ☒NO |
| | 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for $SO_2$ and 40 CFR Part 75, Subpart H for heat input. | ☐YES ☐NO |
| | 3. | The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for $SO_2$ and heat input. | ☐YES ☐NO |
| | 4. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for $SO_2$ and heat input. | ☐YES ☐NO |
| | 5. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $SO_2$ and heat input. | ☐YES ☐NO |
| | 6. | The application area includes emission units that qualify for the Texas $SO_2$ Trading Program retired unit exemption. | ☐YES ☒NO |
| | **H.** | **Permit Shield (SOP Applicants Only)** | |
| | 1. | A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit. | ☒YES ☐NO |

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| **XI.** | **Miscellaneous (continued)** | | |
| | **I.** | **GOP Type (Complete this section for GOP applications only)** | |
| ♦ | 1. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties. | ☐YES ☐NO |
| ♦ | 2. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties. | ☐YES ☐NO |
| ♦ | 3. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties. | ☐YES ☐NO |
| ♦ | 4. | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County. | ☐YES ☐NO |
| ♦ | 5. | The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit. | ☐YES ☐NO |
| | **J.** | **Title 30 TAC Chapter 101, Subchapter H** | |
| ♦ | 1. | The application area is located in a nonattainment area.<br>*If the response to Question XI.J.1 is "NO," go to question XI.J.3.* | ☐YES ☒NO |
| ♦ | 2. | The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | ☐YES ☐NO ☐N/A |
| ♦ | 3. | The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | ☐YES ☐NO ☒N/A |

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 82*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **J.** | **Title 30 TAC Chapter 101, Subchapter H (continued)** | |
| ♦ | 4. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of $NO_X$. | ☐YES ☒NO |
| ♦ | 5. | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I. | ☐YES ☒NO |
| ♦ | 6. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2. | ☐YES ☒NO |
| ♦ | 7. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program. | ☐YES ☒NO |
| | **K.** | **Periodic Monitoring** | |
| ♦ | 1. | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. | ☐YES ☒NO |
| ♦ | 2. | The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.* | ☒YES ☐NO |
| ♦ | 3. | All periodic monitoring requirements are being removed from the permit with this application. | ☐YES ☒NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 83*** | | | |
| **XI.** | **Miscellaneous (continued)** | | |
| | **L.** | **Compliance Assurance Monitoring** | |
| ♦ | 1. | The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source.<br>*If the response to Question XI.L.1 is "NO," go to Section XI.M.* | ☐YES ☒NO |
| ♦ | 2. | The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement.<br>*If the response to Question XI.L.2 is "NO," go to Section XI.M.* | ☐YES ☐NO |
| ♦ | 3. | The permit holder has submitted a CAM proposal on Form OP-MON in a previous application. | ☐YES ☐NO |
| ♦ | 4. | The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application.<br>*If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.* | ☐YES ☐NO |
| | 5. | The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit. | ☐YES ☐NO |
| | 6. | Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below. | |
| ♦ | 7. | At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). | ☐YES ☐NO |
| ♦ | 8. | All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).<br>*If the response to Question XI.L.8 is "YES," go to Section XI.M.* | ☐YES ☐NO |

| | |
|---|---|
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*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | | |
|---|---|---|---|---|
| ***Form OP-REQ1: Page 84*** | | | | |
| **XI.** | **Miscellaneous (continued)** | | | |
| | **L.** | **Compliance Assurance Monitoring (continued)** | | |
| ♦ | 9. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 10. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 11. | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | ☐YES | ☐NO |
| ♦ | 12. | The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass. | ☐YES | ☐NO |
| | **M.** | **Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times** | | |
| ♦ | 1. | The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004.<br>*If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.* | ☐YES | ☐NO<br>☒N/A |
| ♦ | 2. | All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | ☐YES | ☐NO |
| **XII.** | **New Source Review (NSR) Authorizations** | | | |
| | **A.** | **Waste Permits with Air Addendum** | | |
| ♦ | 1. | The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum.<br>*If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.* | ☐YES | ☒NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
**Form OP-REQ1**
**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| | | | |
|---|---|---|---|
| ***Form OP-REQ1: Page 85*** | | | |
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits** | |
| ♦ | 1. | The application area includes at least one Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.* | ☒YES ☐NO |
| ♦ | 2. | The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617. | ☐YES ☒NO |
| ♦ | 3. | The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization. | ☐YES ☒NO |
| ♦ | 4. | The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620. | ☐YES ☒NO |
| ♦ | 5. | The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization. | ☐YES ☒NO |
| ♦ | 6. | The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621. | ☐YES ☒NO |
| ♦ | 7. | The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U. | ☐YES ☒NO |
| | 8. | The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 9. | The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 10. | The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |

**Texas Commission on Environmental Quality**
**Application Area-Wide Applicability Determinations and General Information**
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**Federal Operating Permit Program**

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

| *Form OP-REQ1: Page 86* | | | |
|---|---|---|---|
| **XII. New Source Review (NSR) Authorizations (continued)** | | | |
| | **B.** | **Air Quality Standard Permits (continued)** | |
| ♦ | 11. | The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 12. | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization.<br>*If the response to XII.B.12 is "NO," go to Question XII.B.15.* | ☒YES ☐NO |
| ♦ | 13. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region. | ☐YES ☒NO |
| ♦ | 14. | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region. | ☒YES ☐NO |
| ♦ | 15. | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| ♦ | 16. | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization. | ☐YES ☒NO |
| | **C.** | **Flexible Permits** | |
| | 1. | The application area includes at least one Flexible Permit NSR authorization. | ☐YES ☒NO |
| | **D.** | **Multiple Plant Permits** | |
| | 1. | The application area includes at least one Multi-Plant Permit NSR authorization. | ☐YES ☒NO |

| | |
|---|---|
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| Permit No.: | O-3896 |
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*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

***Form OP-REQ1: Page 87***

**XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)**

**E. PSD Permits and PSD Major Pollutants**

| | | |
|---|---|---|
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |

*If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.*

**F. Nonattainment (NA) Permits and NA Major Pollutants**

| | | |
|---|---|---|
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |

*If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.*

**G. NSR Authorizations with FCAA § 112(g) Requirements**

| | | | |
|---|---|---|---|
| NSR Permit No.: 140752 | Issuance Date: 01/31/2024 | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |

♦ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

| | | | |
|---|---|---|---|
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | Authorization No.: | Issuance Date: |

| | |
|---|---|
| Date: | 08/01/2024 |
| Permit No.: | O-3896 |
| RN No.: | RN109220137 |

*For SOP applications, answer ALL questions unless otherwise directed.*
♦ *For GOP applications, answer ONLY these question unless otherwise directed.*

| **Form OP-REQ1: Page 88** | |
|---|---|
| **XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)** | |
| ♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area** | |
| *A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.* | |
| PBR No.: 106.511 | Version No./Date: effective September 4, 2000 |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
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| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| ♦ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum** | |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |

**Permit By Rule Supplemental Table (Page 1)**
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|---|---|---|---|
| N/A | | | |
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**Permit By Rule Supplemental Table (Page 2)**
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | PBR No. | Version No./Date |
|---|---|---|
| GENSET7 | 106.511 | 09/04/2000 |
| GENSET8 | 106.511 | 09/04/2000 |
| GENSET13 | 106.511 | 09/04/2000 |
| T-1 | 106.472 | 09/04/2000 |
| T-2 | 106.472 | 09/04/2000 |
| T-3 | 106.472 | 09/04/2000 |
| | | |
| | | |
| | | |
| | | |

**Permit By Rule Supplemental Table (Page 3)**
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| PBR No. | Version No./Date |
|---|---|
| N/A | |
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**Permit By Rule Supplemental Table (Page 4)**
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**
**Texas Commission on Environmental Quality**

| Date | Permit Number | Regulated Entity Number |
|---|---|---|
| 08/01/2024 | O-3896 | RN109220137 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|---|---|---|---|
| T-1 | 106.472 | 09/04/2000 | |
| T-2 | 106.472 | 09/04/2000 | |
| T-3 | 106.472 | 09/04/2000 | |
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**Texas Commission on Environmental Quality**

Title V Existing

3896

## Site Information (Regulated Entity)

| | |
|---|---|
| What is the name of the permit area to be authorized? | LARSEN FARMS POWER GENERATING FACILITY PLANT 1 |
| Does the site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 12295 COUNTY ROAD 11 |
| City | DALHART |
| State | TX |
| ZIP | 79022 |
| County | HARTLEY |
| Latitude (N) (##.######) | 35.933055 |
| Longitude (W) (-###.######) | 102.893888 |
| Primary SIC Code | 4911 |
| Secondary SIC Code | |
| Primary NAICS Code | 221112 |
| Secondary NAICS Code | |
| Regulated Entity Site Information | |
| What is the Regulated Entity's Number (RN)? | RN109220137 |
| What is the name of the Regulated Entity (RE)? | LARSEN FARMS POWER GENERATING FACILITY PLANT 1 |
| Does the RE site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 12295 COUNTY ROAD 11 |
| City | DALHART |
| State | TX |
| ZIP | 79022 |
| County | HARTLEY |
| Latitude (N) (##.######) | 35.933091 |
| Longitude (W) (-###.######) | -102.893901 |
| Facility NAICS Code | |
| What is the primary business of this entity? | POWER GENERATING FACILITY |

## Customer (Applicant) Information

| | |
|---|---|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN604538777 |
| Type of Customer | Corporation |
| Full legal name of the applicant: | |
| Legal Name | Blaine Larsen Farms, Inc. |
| Texas SOS Filing Number | 801429654 |
| Federal Tax ID | 820440420 |
| State Franchise Tax ID | 32044312158 |

| | |
|---|---|
| State Sales Tax ID | |
| Local Tax ID | |
| DUNS Number | |
| Number of Employees | 101-250 |
| Independently Owned and Operated? | Yes |

## Responsible Official Contact

| | |
|---|---|
| Person TCEQ should contact for questions about this application: | |
| Organization Name | BLAINE LARSEN FARMS INC |
| Prefix | MR |
| First | BLAINE |
| Middle | |
| Last | LARSEN |
| Suffix | |
| Credentials | |
| Title | PRESIDENT |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 12295 COUNTY ROAD 11 |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | DALHART |
| State | TX |
| ZIP | 79022 |
| Phone (###-###-####) | 8063330321 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | blf@larsenfarms.com |

## Duly Authorized Representative Contact

| | |
|---|---|
| Person TCEQ should contact for questions about this application | |
| Select existing DAR contact or enter a new contact. | ANTONIO HUARACHA(BLAINE LARSEN F... ) |
| Organization Name | BLAINE LARSEN FARMS INC |
| Prefix | MR |
| First | ANTONIO |
| Middle | |
| Last | HUARACHA |
| Suffix | |
| Credentials | |
| Title | FARM MANAGER |
| Enter new address or copy one from list | |
| Mailing Address | |
| Address Type | Domestic |

| | |
|---|---|
| Mailing Address (include Suite or Bldg. here, if applicable) | 12295 COUNTY ROAD 11 |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | DALHART |
| State | TX |
| Zip | 79022 |
| Phone (###-###-####) | 8063330321 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | ahauracha@larsenfarms.com |

## Technical Contact

| | |
|---|---|
| Person TCEQ should contact for questions about this application: | |
| Select existing TC contact or enter a new contact. | New Contact |
| Organization Name | INTERA Inc |
| Prefix | MR |
| First | Thomas |
| Middle | |
| Last | Warnack |
| Suffix | |
| Credentials | |
| Title | Air Quality Engineer |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 9600 GREAT HILLS TRL |
| Routing (such as Mail Code, Dept., or Attn:) | Suite 300W |
| City | AUSTIN |
| State | TX |
| ZIP | 78759 |
| Phone (###-###-####) | 5124252060 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | twarnack@intera.com |

## Title V General Information - Existing

| | |
|---|---|
| 1) Permit Type: | SOP |
| 2) Permit Latitude Coordinate: | 35 Deg 55 Min 59 Sec |
| 3) Permit Longitude Coordinate: | 102 Deg 53 Min 38 Sec |
| 4) Is this submittal a new application or an update to an existing application? | New Application |
| 4.1. What type of permitting action are you applying for? | Significant Revision |
| 4.1.1. Are there any permits that should be voided upon issuance of this permit application | No |

| | |
|---|---|
| through permit conversion? | |
| 4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation? | No |
| 5) Who will electronically sign this Title V application? | Duly Authorized Representative |
| 6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements? | No |

## Title V Attachments Existing

Attach OP-1 (Site Information Summary)

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=208949>OP-1.pdf</a> |
| Hash | BF982807790FC74A769029F70679F90739C1D098612263CA589B68A096EC0E75 |
| MIME-Type | application/pdf |

Attach OP-2 (Application for Permit Revision/Renewal)

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=208950>OP-2.pdf</a> |
| Hash | B5B1723FAA0DD39C5EBD2CBA49ABCAE6B14AE2FF01313F1C61977096331B9AA6 |
| MIME-Type | application/pdf |

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=208951>OP_REQ1_REQ1.pdf</a> |
| Hash | 8ED8373D825ADC3BD18D9C8643328B8AC47AD5E5D259FED3354948D05843603A |
| MIME-Type | application/pdf |

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=208952>OP_REQ3_REQ3.pdf</a> |
| Hash | C58C6E7DA31BC7148244C91C2FE9F3D48E7328D471E29A8590961FCF514EC9BB |
| MIME-Type | application/pdf |

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=208953>OP_PBRSUP_PBRSUP.pdf</a> |
| Hash | E2F54FFD6F1429C6F53D084C3AEB6647A699EE0C6F0E5DA64AA1BF9F2A53D637 |
| MIME-Type | application/pdf |

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=208954>OP_SUMR_SUMR.pdf</a> |

| | |
|---|---|
| Hash | 3846C80C56A1125493D4EE5D3BE8E93987D018B996530F4DEC29F2D640C5CDF1 |
| MIME-Type | application/pdf |

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=208955>OP-UA.pdf</a> |
| Hash | A838374A91DBD5F0C44037D004A3AB5CCDBBF0CD6B9E46507451B694D8C54916 |
| MIME-Type | application/pdf |

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

| | |
|---|---|
| File Name | <a href=/ePermitsExternal/faces/file?fileId=208956>R240726_Title V Renewal & Sig. Revision Appl.pdf</a> |
| Hash | D6C50E9D7B6B328A28A1604AEBFF62C1579C9E2EF73F299E7F71B486C1A53E82 |
| MIME-Type | application/pdf |

An additional space to attach any other necessary information needed to complete the permit.

## Expedite Title V

| | |
|---|---|
| 1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application? | No |

## Certification

I certify that I am the Duly Authorized Representative for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Antonio Huaracha, the owner of the STEERS account ER067463.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcemer of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.

8. I am knowingly and intentionally signing Title V Existing 3896.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Antonio Huaracha OWNER OPERATOR

| | |
|---|---|
| Account Number: | ER067463 |
| Signature IP Address: | 69.55.25.24 |
| Signature Date: | 2024-08-01 |
| Signature Hash: | DD2F6EE36E49BB062C0DC82F5AE4DBB46E30AFD6860765A15A8E21BB62215629 |
| Form Hash Code at time of Signature: | CBE7AC80019509598A4879D0068CF031A96F1E7592801B84AA6328FB968E89DB |

## Submission

| | |
|---|---|
| Reference Number: | The application reference number is 671154 |
| Submitted by: | The application was submitted by ER067463/Antonio Huaracha |
| Submitted Timestamp: | The application was submitted on 2024-08-01 at 11:27:38 CDT |
| Submitted From: | The application was submitted from IP address 69.55.25.24 |
| Confirmation Number: | The confirmation number is 554373 |
| Steers Version: | The STEERS version is 6.79 |
| Permit Number: | The permit number is 3896 |

## Additional Information

Application Creator: This account was created by Thomas Warnack