Statement of Basis of the Federal Operating Permit

Citgo Refining and Chemicals Company L.P.

Site Name: Citgo Corpus Christi Refinery West Plant
Physical Location: 7350 IH 37
Nearest City: Corpus Christi
County: Nueces

Permit Number: O1420
Project Type: Renewal

The North American Industry Classification System (NAICS) Code: 324110
NAICS Name: Petroleum Refineries

This Statement of Basis sets forth the legal and factual basis for the draft permit conditions in accordance with 30 TAC §122.201(a)(4). Per 30 TAC §§ 122.241 and 243, the permit holder has submitted an application under § 122.134 for permit renewal. This document may include the following information:

A description of the facility/area process description;
A basis for applying permit shields;
A list of the federal regulatory applicability determinations;
A table listing the determination of applicable requirements;
A list of the New Source Review Requirements;
The rationale for periodic monitoring methods selected;
The rationale for compliance assurance methods selected;
A compliance status; and
A list of available unit attribute forms.

Prepared on: July 18, 2025

Operating Permit
Basis of Determination

Permit Area Process Description

The primary purpose of the West Plant is to further process refinery intermediate products produced at the East Plant into diesel fuel blending components and coke sales products, and into feed streams for gasoline and petrochemical processing units located at the East Plant. Intermediate products are transported to the West Plant via interconnecting pipeline and barge docks used for the unloading of Coker Unit feed.

FOPs at Site

The "application area" consists of the emission units and that portion of the site included in the application and this permit. Multiple FOPs may be issued to a site in accordance with 30 TAC § 122.201(e). When there is only one area for the site, then the application information and permit will include all units at the site. Additional FOPs that exist at the site, if any, are listed below.

Additional FOPs: None

Major Source Pollutants

The table below specifies the pollutants for which the site is a major source:

Major Pollutants	VOC, SO2, PM, NOX, HAPS, CO

Reading State of Texas's Federal Operating Permit

The Title V Federal Operating Permit (FOP) lists all state and federal air emission regulations and New Source Review (NSR) authorizations (collectively known as "applicable requirements") that apply at a particular site or permit area (in the event a site has multiple FOPs). **The FOP does not authorize new emissions or new construction activities.** The FOP begins with an introductory page which is common to all Title V permits. This page gives the details of the company, states the authority of the issuing agency, requires the company to operate in accordance with this permit and 30 Texas Administrative Code (TAC) Chapter 122, requires adherence with NSR requirements of 30 TAC Chapter 116, and finally indicates the permit number and the issuance date.

This is followed by the table of contents, which is generally composed of the following elements. Not all permits will have all of the elements.

- General Terms and Conditions
- Special Terms and Conditions
    - Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting
    - Additional Monitoring Requirements
    - New Source Review Authorization Requirements
    - Compliance Requirements
    - Protection of Stratosphere Ozone
    - Permit Location
    - Permit Shield (30 TAC § 122.148)
- Attachments
    - Applicable Requirements Summary
        - Unit Summary
        - Applicable Requirements Summary
    - Additional Monitoring Requirements
    - Permit Shield
    - New Source Review Authorization References
    - Compliance Plan
    - Alternative Requirements
- Appendix A

    - Acronym list
- Appendix B
    - Copies of major NSR authorizations

General Terms and Conditions

The General Terms and Conditions are the same and appear in all permits. The first paragraph lists the specific citations for 30 TAC Chapter 122 requirements that apply to all Title V permit holders. The second paragraph describes the requirements for record retention. The third paragraph provides details for voiding the permit, if applicable. The fourth paragraph states that the permit holder shall comply with the requirements of 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. The fifth paragraph provides details on submission of reports required by the permit.

Special Terms and Conditions

Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting. The TCEQ has designated certain applicable requirements as site-wide requirements. A site-wide requirement is a requirement that applies uniformly to all the units or activities at the site. Units with only site-wide requirements are addressed on Form OP-REQ1 and are not required to be listed separately on an OP-UA Form or Form OP-SUM. Form OP-SUM must list all units addressed in the application and provide identifying information, applicable OP-UA Forms, and preconstruction authorizations. The various OP-UA Forms provide the characteristics of each unit from which applicable requirements are established. Some exceptions exist as a few units may have both site-wide requirements and unit specific requirements.

Other conditions. The other entries under special terms and conditions are in general terms referring to compliance with the more detailed data listed in the attachments.

Attachments

Applicable Requirements Summary. The first attachment, the Applicable Requirements Summary, has two tables, addressing unit specific requirements. The first table, the Unit Summary, includes a list of units with applicable requirements, the unit type, the applicable regulation, and the requirement driver. The intent of the requirement driver is to inform the reader that a given unit may have several different operating scenarios and the differences between those operating scenarios.

The applicable requirements summary table provides the detailed citations of the rules that apply to the various units. For each unit and operating scenario, there is an added modifier called the “index number,” detailed citations specifying monitoring and testing requirements, recordkeeping requirements, and reporting requirements. The data for this table is based on data supplied by the applicant on the OP-SUM and various OP-UA forms.

Additional Monitoring Requirement. The next attachment includes additional monitoring the applicant must perform to ensure compliance with the applicable standard. Compliance assurance monitoring (CAM) is often required to provide a reasonable assurance of compliance with applicable emission limitations/standards for large emission units that use control devices to achieve compliance with applicant requirements. When necessary, periodic monitoring (PM) requirements are specified for certain parameters (i.e. feed rates, flow rates, temperature, fuel type and consumption, etc.) to determine if a term and condition or emission unit is operating within specified limits to control emissions. These additional monitoring approaches may be required for two reasons. First, the applicable rules do not adequately specify monitoring requirements (exception- Maximum Achievable Control Technology Standards (MACTs) generally have sufficient monitoring), and second, monitoring may be required to fill gaps in the monitoring requirements of certain applicable requirements. In situations where the NSR permit is the applicable requirement requiring extra monitoring for a specific emission unit, the preferred solution is to have the monitoring requirements in the NSR permit updated so that all NSR requirements are consolidated in the NSR permit.

Permit Shield. A permit may or may not have a permit shield, depending on whether an applicant has applied for, and justified the granting of, a permit shield. A permit shield is a special condition included in the permit document stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirement(s) or specified applicable state-only requirement(s).

New Source Review Authorization References. All activities which are related to emissions in the state of Texas must have a NSR authorization prior to beginning construction. This section lists all units in the permit and the NSR authorization that allowed the unit to be constructed or modified. Units that do not have unit specific applicable

requirements other than the NSR authorization do not need to be listed in this attachment. While NSR permits are not physically a part of the Title V permit, they are legally incorporated into the Title V permit by reference. Those NSR permits whose emissions exceed certain PSD/NA thresholds must also undergo a Federal review of federally regulated pollutants in addition to review for state regulated pollutants.

Compliance Plan. A permit may have a compliance schedule attachment for listing corrective actions plans for any emission unit that is out of compliance with an applicable requirement.

Alternative Requirements. This attachment will list any alternative monitoring plans or alternative means of compliance for applicable requirements that have been approved by the EPA Administrator and/or the TCEQ Executive Director.

Appendix A

Acronym list. This attachment lists the common acronyms used when discussing the FOPs.

Appendix B

Copies of major NSR authorizations applicable to the units covered by this permit have been included in this Appendix, to ensure that all interested persons can access those authorizations.

Stationary vents subject to 30 TAC Chapter 111, Subchapter A, § 111.111(a)(1)(B) addressed in the Special Terms and Conditions

The site contains stationary vents with a flowrate less than 100,000 actual cubic feet per minute (acfm) which are limited, over a six-minute average, to 20% opacity as required by 30 TAC § 111.111(a)(1)(B). As a site may have a large number of stationary vents that fall into this category, they are not required to be listed individually in the permit's Applicable Requirements Summary. This is consistent with EPA's White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995, that states that requirements that apply identically to emission units at a site can be treated on a generic basis such as source-wide opacity limits.

Periodic monitoring is specified in Special Term and Condition 3 for stationary vents subject to 30 TAC § 111.111(a)(1)(B) to verify compliance with the 20% opacity limit. These vents are not expected to produce visible emissions during normal operation. The TCEQ evaluated the probability of these sources violating the opacity standards and determined that there is a very low potential that an opacity standard would be exceeded. It was determined that continuous monitoring for these sources is not warranted as there would be very limited environmental benefit in continuously monitoring sources that have a low potential to produce visible emissions. Therefore, the TCEQ set the visible observation monitoring frequency for these sources to once per calendar quarter.

The TCEQ has exempted vents that are not capable of producing visible emissions from periodic monitoring requirements. These vents include sources of colorless VOCs, non-fuming liquids, and other materials that cannot produce emissions that obstruct the transmission of light. Passive ventilation vents, such as plumbing vents, are also included in this category. Since this category of vents are not capable of producing opacity due to the physical or chemical characteristics of the emission source, periodic monitoring is not required as it would not yield any additional data to assure compliance with the 20% opacity standard of 30 TAC § 111.111(a)(1)(B).

In the event that visible emissions are detected, either through the quarterly observation or other credible evidence, such as observations from company personnel, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B). An additional provision is included to monitor combustion sources more frequently than quarterly if alternate fuels are burned for periods greater than 24 consecutive hours. This will address possible emissions that may arise when switching fuel types.

The applicant opted to comply with the more stringent 20% opacity standard under 30 TAC § 111.111(a)(1)(B) for all stationary vents that are subject to the 30% opacity standard under 30 TAC § 111.111(a)(1)(A).

Stationary Vents subject to 30 TAC Chapter 111 not addressed in the Special Terms and Conditions

All other stationary vents subject to 30 TAC Chapter 111 not covered in the Special Terms and Conditions are listed in the permit's Applicable Requirements Summary. The basis for the applicability determinations for these vents are listed in the Determination of Applicable Requirements table.

Federal Regulatory Applicability Determinations

The following chart summarizes the applicability of the principal air pollution regulatory programs to the permit area:

Regulatory Program	Applicability (Yes/No)
Prevention of Significant Deterioration (PSD)	Yes
Nonattainment New Source Review (NNSR)	No
Minor NSR	Yes
40 CFR Part 60 - New Source Performance Standards	Yes
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)	Yes
40 CFR Part 63 - NESHAPs for Source Categories	Yes
Title IV (Acid Rain) of the Clean Air Act (CAA)	No
Title V (Federal Operating Permits) of the CAA	Yes
Title VI (Stratospheric Ozone Protection) of the CAA	Yes
CSAPR (Cross-State Air Pollution Rule)	No
Federal Implementation Plan for Regional Haze (Texas SO_2 Trading Program)	No

Basis for Applying Permit Shields

An operating permit applicant has the opportunity to specifically request a permit shield to document that specific applicable requirements do not apply to emission units in the permit. A permit shield is a special condition stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements. A permit shield has been requested in the application for specific emission units. For the permit shield requests that have been approved, the basis of determination for regulations that the owner/operator need not comply with are located in the “Permit Shield” attachment of the permit.

Insignificant Activities and Emission Units

In general, units not meeting the criteria for inclusion on either Form OP-SUM or Form OP-REQ1 are not required to be addressed in the operating permit application. Examples of these types of units include, but are not limited to, the following:

De Minimis Sources

1. Sources identified in the “De Minimis Facilities or Sources” list maintained by TCEQ. The list is available at https://www.tceq.texas.gov/permitting/air/newsourcereview/de_minimis.html.

Miscellaneous Sources

2. Office activities such as photocopying, blueprint copying, and photographic processes.
3. Outdoor barbecue pits, campfires, and fireplaces.
4. Storage and handling of sealed portable containers, cylinders, or sealed drums.

5. Vehicle exhaust from maintenance or repair shops.
6. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
7. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
8. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
9. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
10. Well cellars.
11. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
12. Equipment used exclusively for the melting or application of wax.
13. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
14. Battery recharging areas.

Sources Authorized by 30 TAC Chapter 106, Permits by Rule

15. Sources authorized by §106.102: Combustion units designed and used exclusively for comfort heating purposes employing liquid petroleum gas, natural gas, solid wood, or distillate fuel oil.
16. Sources authorized by §106.122: Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
17. Sources authorized by §106.141: Batch mixers with rated capacity of 27 cubic feet or less for mixing cement, sand, aggregate, lime, gypsum, additives, and/or water to produce concrete, grout, stucco, mortar, or other similar products.
18. Sources authorized by §106.143: Wet sand and gravel production facilities that obtain material from subterranean and subaqueous beds where the deposits of sand and gravel are consolidated granular materials resulting from natural disintegration of rock and stone and have a production rate of 500 tons per hour or less.
19. Sources authorized by §106.148: Railcar or truck unloading of wet sand, gravel, aggregate, coal, lignite, and scrap iron or scrap steel (but not including metal ores, metal oxides, battery parts, or fine dry materials) into trucks or other railcars for transportation to other locations.
20. Sources authorized by §106.149: Sand and gravel production facilities that obtain material from deposits of sand and gravel consisting of natural disintegration of rock and stone, provided that crushing or breaking operations are not used and no blasting is conducted to obtain the material.
21. Sources authorized by §106.161: Animal feeding operations which confine animals in numbers specified and any associated on-site feed handling and/or feed millings operations, not including caged laying and caged pullet operations.
22. Sources authorized by §106.162: Livestock auction sales facilities.
23. Sources authorized by §106.163: All animal racing facilities, domestic animal shelters, zoos, and their associated confinement areas, stables, feeding areas, and waste collection and treatment facilities, other than incineration units.
24. Sources authorized by §106.229: Equipment used exclusively for the dyeing or stripping of textiles.
25. Sources authorized by §106.241: Any facility where animals or poultry are slaughtered and prepared for human consumption provided that waste products such as blood, offal, and feathers are stored in such a manner as to prevent the creation of a nuisance condition and these waste products are removed from the premises daily or stored under refrigeration.
26. Sources authorized by §106.242: Equipment used in eating establishments for the purpose of preparing food for human consumption.
27. Sources authorized by §106.243: Smokehouses in which the maximum horizontal inside cross-sectional area does not exceed 100 square feet.
28. Sources authorized by §106.244: Ovens, mixers, blenders, barbecue pits, and cookers if the products are edible and intended for human consumption.
29. Sources authorized by §106.266: Vacuum cleaning systems used exclusively for industrial, commercial, or residential housekeeping purposes.
30. Sources authorized by §106.301: Aqueous fertilizer storage tanks.

31. Sources authorized by §106.313: All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
32. Sources authorized by §106.316: Equipment used for inspection of metal products.
33. Sources authorized by §106.317: Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
34. Sources authorized by §106.318: Die casting machines.
35. Sources authorized by §106.319: Foundry sand mold forming equipment to which no heat is applied.
36. Sources authorized by §106.331: Equipment used exclusively to package pharmaceuticals and cosmetics or to coat pharmaceutical tablets.
37. Sources authorized by §106.333: Equipment used exclusively for the mixing and blending of materials at ambient temperature to make water-based adhesives.
38. Sources authorized by §106.372: Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
39. Sources authorized by §106.391: Presses used for the curing of rubber products and plastic products.
40. Sources authorized by §106.394: Equipment used for compression molding and injection molding of plastics.
41. Sources authorized by §106.414: Equipment used exclusively for the packaging of lubricants or greases.
42. Sources authorized by §106.415: Laundry dryers, extractors, and tumblers used for fabrics cleaned with water solutions of bleach or detergents.
43. Sources authorized by §106.431: Equipment used exclusively to mill or grind coatings and molding compounds where all materials charged are in paste form.
44. Sources authorized by §106.432: Containers, reservoirs, or tanks used exclusively for dipping operations for coating objects with oils, waxes, or greases where no organic solvents, diluents, or thinners are used; or dipping operations for applying coatings of natural or synthetic resins which contain no organic solvents.
45. Sources authorized by §106.451: Blast cleaning equipment using a suspension of abrasives in water.
46. Sources authorized by §106.453: Equipment used for washing or drying products fabricated from metal or glass, provided no volatile organic materials are used in the process and no oil or solid fuel is burned.
47. Sources authorized by §106.471: Equipment used exclusively to store or hold dry natural gas.
48. Sources authorized by §106.531: Sewage treatment facilities, excluding combustion or incineration equipment, land farms, or grease trap waste handling or treatment facilities.

Determination of Applicable Requirements

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to which the permit holder must comply. For more information about the descriptions of the unit attributes specific Unit Attribute Forms may be viewed at www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html.

A list of unit attribute forms is included at the end of this document. Some examples of unit attributes include construction date; product stored in a tank; boiler fuel type; etc.. Generally, multiple attributes are needed to determine the requirements for a given emission unit and index number. The table below lists these attributes in the column entitled "Basis of Determination." Attributes that demonstrate that an applicable requirement applies will be the factual basis for the specific citations in an applicable requirement that apply to a unit for that index number. The TCEQ Air Permits Division has developed flowcharts for determining applicability of state and federal regulations based on the unit attribute information in a Decision Support System (DSS). These flowcharts can be accessed via the internet at www.tceq.texas.gov/permitting/air/nav/air_supportsys.html. The Air Permits Division staff may also be contacted for assistance at (512) 239-1250.

The attributes for each unit and corresponding index number provide the basis for determining the specific legal citations in an applicable requirement that apply, including emission limitations or standards, monitoring, recordkeeping, and reporting. The rules were found to apply or not apply by using the unit attributes as answers to decision questions found in the flowcharts of the DSS. Some additional attributes indicate which legal citations of a rule apply. The legal citations that apply to each emission unit may be found in the Applicable Requirements Summary table of the draft permit. There may be some entries or rows of units and rules not found in the permit, or if the permit contains a permit shield, repeated in the permit shield area. These are sets of attributes that describe negative applicability, or; in other words, the reason why a potentially applicable requirement does not apply.

If applicability determinations have been made which differ from the available flowcharts, an explanation of the decisions involved in the applicability determination is specified in the column “Changes and Exceptions to RRT.” If there were no exceptions to the DSS, then this column has been removed.

The draft permit includes all emission limitations or standards, monitoring, recordkeeping and reporting required by each applicable requirement. If an applicable requirement does not require monitoring, recordkeeping, or reporting, the word “None” will appear in the Applicable Requirements Summary table. If additional periodic monitoring is required for an applicable requirement, it will be explained in detail in the portion of this document entitled “Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected.”

When attributes demonstrate that a unit is not subject to an applicable requirement, the applicant may request a permit shield for those items. The portion of this document entitled “Basis for Applying Permit Shields” specifies which units, if any, have a permit shield.

Operational Flexibility

When an emission unit has multiple operating scenarios, it will have a different index number associated with each operating condition. This means that units are permitted to operate under multiple operating conditions. The applicable requirements for each operating condition are determined by a unique set of unit attributes. For example, a tank may store two different products at different points in time. The tank may, therefore, need to comply with two distinct sets of requirements, depending on the product that is stored. Both sets of requirements are included in the permit, so that the permit holder may store either product in the tank.

Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*
090-P-02A	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-FPENG01	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine
090-P-02B	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-FPENG01	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine
090-P-02C	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-FPENG01	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine
091-P-001	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-FPENG01	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine
091-P-100	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-FPENG01	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine
521-P-067	40 CFR Part 60, Subpart IIII	60IIII-FPENG01	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.

Unit ID	Regulation	Index Number	Basis of Determination*
			Service = CI ICE is a fire-pump engine, an emergency engine certified to National Fire Protection Association requirements. Commencing = CI ICE was newly constructed after 07/11/2005 Manufacture Date = Date of manufacture was after 07/01/2006. Diesel = Diesel fuel is used. Displacement = Displacement is less than 10 liters per cylinder. Model Year = CI ICE was manufactured in model year 2007. Kilowatts = Power rating is greater than or equal to 75 KW and less than 130 KW. Standard = The emergency CI ICE does not meet the Tier 1, 2, 3, or 4 standards applicable to non-emergency engines (for the same KW and model year) Compliance Option = Certified engine according to §60.4211(b)(1).
521-P-067	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-FPENG02	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine
566-G-001	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-FPENG01	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine
521-T405	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Other control device
521-TK0001	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls

Unit ID	Regulation	Index Number	Basis of Determination*
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
521-TK0001	40 CFR Part 60, Subpart Ka	60Ka-E	Product Stored = Stored product other than a petroleum liquid
521-TK0001	40 CFR Part 63, Subpart CC	63CC-TK01	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6). Subject to 40 CFR Part 63 Subparts F, G, H, or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
521-TK0008	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
521-TK0008	40 CFR Part 63, Subpart CC	63CC-TK01	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6). Subject to 40 CFR Part 63 Subparts F, G, H, or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
521-TKFRAC	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
521-TKFRAC	40 CFR Part 63, Subpart CC	63CC-TK01	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6). Subject to 40 CFR Part 63 Subparts F, G, H, or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.

Unit ID	Regulation	Index Number	Basis of Determination*
521TK008	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
521TK008	40 CFR Part 60, Subpart Ka	60Ka-E	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
521TK105	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
521TK106	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
546TK100	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
546TK101	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
552-T1	30 TAC Chapter 115, Storage of VOCs	115TK-05	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.

Unit ID	Regulation	Index Number	Basis of Determination*
			Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
552-T1	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia
552-T1	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid
552-T1	40 CFR Part 60, Subpart Kb	60KB-TK02	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) WW Tank Control = The storage vessel is not using 40 CFR 63, subpart WW to comply with 40 CFR 60, subpart Kb Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal
552-T1	40 CFR Part 61, Subpart FF	61FF-TANK	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1) Seal Type = Mechanical shoe seal
552-T2	30 TAC Chapter 115, Storage of VOCs	115TK-05	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
552-T2	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia

Unit ID	Regulation	Index Number	Basis of Determination*
552-T2	40 CFR Part 60, Subpart Kb	60KB-TK02	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) WW Tank Control = The storage vessel is not using 40 CFR 63, subpart WW to comply with 40 CFR 60, subpart Kb Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal
552-T2	40 CFR Part 61, Subpart FF	61FF-TANK	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1) Seal Type = Mechanical shoe seal
555TK005	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
566-TK0101	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons
566-TK0101	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
566TK0101	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
566TK0101	40 CFR Part 60, Subpart Ka	60Ka-E	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
572-TK0002	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons

Unit ID	Regulation	Index Number	Basis of Determination*
572-TK0002	40 CFR Part 60, Subpart Ka	60Ka-E	Product Stored = Stored product other than a petroleum liquid
572-TK0214	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) WW Tank Control = The storage vessel is not using 40 CFR 63, subpart WW to comply with 40 CFR 60, subpart Kb Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal
572-TK0215	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) WW Tank Control = The storage vessel is not using 40 CFR 63, subpart WW to comply with 40 CFR 60, subpart Kb Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal
585-T6019	30 TAC Chapter 115, Storage of VOCs	115TK-03	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank using a submerged fill pipe True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
585-T6019	40 CFR Part 60, Subpart Ka	60Ka-E	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
585-T6019	40 CFR Part 63, Subpart CC	63CC-TK01	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6). Subject to 40 CFR Part 63 Subparts F, G, H, or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
585-TK0104	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Gasoline from a storage container in motor vehicle fuel dispensing service (as defined in 30 TAC Chapter 115) Storage Capacity = Capacity is less than 25,000 gallons
585-TK0104	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)

Unit ID	Regulation	Index Number	Basis of Determination*
585-TK0105	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
585-TK0105	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
585TK6015	30 TAC Chapter 115, Storage of VOCs	115TK-06	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized
585TK6015	40 CFR Part 60, Subpart Kb	60KB-TK01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) WW Tank Control = The storage vessel is not using 40 CFR 63, subpart WW to comply with 40 CFR 60, subpart Kb Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal
585TK6015	40 CFR Part 63, Subpart CC	63CC-TK02	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6). Subject to 40 CFR Part 63 Subparts F, G, H, or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Group 1 Applicability = The storage vessel is also subject to 40 CFR Part 60, Subpart Kb and is complying with that rule Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)

Unit ID	Regulation	Index Number	Basis of Determination*
90-T5001	30 TAC Chapter 115, Storage of VOCs	115-TK07	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized
90-T5001	40 CFR Part 60, Subpart Kb	60KB-TK01	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
90-T5002	30 TAC Chapter 115, Storage of VOCs	115-TK07	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized
90-T5002	40 CFR Part 60, Subpart Kb	60KB-TK01	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
90-T5003	30 TAC Chapter 115, Storage of VOCs	115-TK07	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe

Unit ID	Regulation	Index Number	Basis of Determination*
			Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized
90-T5003	40 CFR Part 60, Subpart Kb	60KB-TK01	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
90-T5004	30 TAC Chapter 115, Storage of VOCs	115-TK07	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized
90-T5004	40 CFR Part 60, Subpart Kb	60KB-TK01	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
90-T5005	30 TAC Chapter 115, Storage of VOCs	115-TK07	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized
90-T5005	40 CFR Part 60, Subpart Kb	60KB-TK01	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal

Unit ID	Regulation	Index Number	Basis of Determination*
			Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
90-T5006	30 TAC Chapter 115, Storage of VOCs	115-TK07	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized
90-T5006	40 CFR Part 60, Subpart Kb	60KB-TK01	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
90-T5007	30 TAC Chapter 115, Storage of VOCs	115-TK07	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized
90-T5007	40 CFR Part 60, Subpart Kb	60KB-TK01	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
90-T5008	30 TAC Chapter 115, Storage of VOCs	115-TK07	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Welded tank using an external floating roof

Unit ID	Regulation	Index Number	Basis of Determination*
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized
90-T5008	40 CFR Part 60, Subpart Kb	60KB-TK01	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
91-T4001	30 TAC Chapter 115, Storage of VOCs	R5112-1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized
91-T4001	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia
91-T4001	40 CFR Part 60, Subpart Kb	60KB	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) WW Tank Control = The storage vessel is not using 40 CFR 63, subpart WW to comply with 40 CFR 60, subpart Kb Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal
91-T4001	40 CFR Part 60, Subpart Kb	60KB-E	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) WW Tank Control = The storage vessel is not using 40 CFR 63, subpart WW to comply with 40 CFR 60, subpart Kb Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia

Unit ID	Regulation	Index Number	Basis of Determination*
91-T4001	40 CFR Part 63, Subpart CC	63CC-TK01	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6). Subject to 40 CFR Part 63 Subparts F, G, H, or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
91-T4001	40 CFR Part 63, Subpart CC	63CC-TK02	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6). Subject to 40 CFR Part 63 Subparts F, G, H, or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Group 1 Applicability = The storage vessel is also subject to 40 CFR Part 60, Subpart Kb and is complying with that rule Product Stored = Refined petroleum products Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal
91-T4002	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
91-T4002	40 CFR Part 63, Subpart CC	63CC-TK01	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6). Subject to 40 CFR Part 63 Subparts F, G, H, or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
91-T4003	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia

Unit ID	Regulation	Index Number	Basis of Determination*
91-T4003	40 CFR Part 63, Subpart CC	63CC-TK01	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6). Subject to 40 CFR Part 63 Subparts F, G, H, or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
DIESEL TANK	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
GRP4WPCF	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
GRP4WPCF	40 CFR Part 63, Subpart CC	63CC-TK01	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6). Subject to 40 CFR Part 63 Subparts F, G, H, or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
GRP5WPRO	30 TAC Chapter 115, Storage of VOCs	115TK-05	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
GRP5WPRO	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
GRP5WPRO	40 CFR Part 60, Subpart Kb	60KB-TK01	Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) WW Tank Control = The storage vessel is not using 40 CFR 63, subpart WW to comply with 40 CFR 60, subpart Kb Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal
GRP5WPRO	40 CFR Part 61, Subpart FF	61FF-TANK	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1) Seal Type = Mechanical shoe seal
GRP5WPRO	40 CFR Part 63, Subpart CC	63CC-TK03	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6). Subject to 40 CFR Part 63 Subparts F, G, H, or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Group 1 Applicability = The storage vessel is also subject to 40 CFR Part 60, Subpart Kb and is complying with that rule Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)
GRP6WPRO	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
GRP6WPRO	40 CFR Part 60, Subpart Ka	60Ka-E	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
GRP8OILY	30 TAC Chapter 115, Storage of VOCs	R5112-E	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.

Unit ID	Regulation	Index Number	Basis of Determination*
			Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
GRP8OILY	40 CFR Part 60, Subpart Ka	60Ka-E	Product Stored = Stored product other than a petroleum liquid
GRP9MDEA	30 TAC Chapter 115, Storage of VOCs	R5112	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRP9MDEA	40 CFR Part 60, Subpart Ka	60Ka-E	Product Stored = Stored product other than a petroleum liquid
GRPVENDTKS	30 TAC Chapter 115, Storage of VOCs	115TK-1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
GRPVENDTKS	30 TAC Chapter 115, Storage of VOCs	115TK-2	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRPVENDTKS	30 TAC Chapter 115, Storage of VOCs	115TK-3	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank using a submerged fill pipe True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia

Unit ID	Regulation	Index Number	Basis of Determination*
CAUSTLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	115-LOAD03	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas, crude oil, condensate and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia. Daily Throughput = Loading less than 20,000 gallons per day.
GASUNLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	115-LOAD01	Chapter 115 Facility Type = Motor vehicle fuel dispensing facility
SLUDGELOAD	30 TAC Chapter 115, Loading and Unloading of VOC	115-LOAD02	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas, crude oil, condensate and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure is less than 1.5 psia.
521-H1	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
527-H1	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
527-H2	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
546-H1	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
546-H2	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
546-H3	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010)

Unit ID	Regulation	Index Number	Basis of Determination*
			Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
546-H4	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
546-H5	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
546-H6	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
547-H1	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
547-H2	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
590-H1	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
590-H2	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
GRP3BOILER	40 CFR Part 60, Subpart D	60D-E	Construction/Modification Date = After September 18, 1978. Covered Under Subpart Da or KKKK = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da or 40 CFR Part 60, Subpart KKKK. Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit. Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).
GRP3BOILER	40 CFR Part 60, Subpart Db	60Db-E	Construction/Modification Date = Constructed on or before June 19, 1984
GRP3BOILER	40 CFR Part 60, Subpart Dc	60Dc-E	Construction/Modification Date = On or before June 9, 1989.

Unit ID	Regulation	Index Number	Basis of Determination*
GRP3BOILER	40 CFR Part 63, Subpart DDDDD	63DDDDD-01	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr
573-ME1	30 TAC Chapter 111, Visible Emissions	111-FLARE01	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.
573-ME1	40 CFR Part 60, Subpart A	60A-02	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec) Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
573-ME1	40 CFR Part 60, Subpart A	60A-03	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
573-ME1	40 CFR Part 60, Subpart A	60A-04	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)
573-ME1	40 CFR Part 63, Subpart A	63A-01	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec) Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
573-ME1	40 CFR Part 63, Subpart A	63A-02	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).

Unit ID	Regulation	Index Number	Basis of Determination*
			Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
573-ME1	40 CFR Part 63, Subpart A	63A-03	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).
573-ME1	40 CFR Part 63, Subpart CC	63CC-60A1	Flare Control Device = Flare controls a source subject to another 40 CFR Part 60, 61, or 63 subpart which allows or requires compliance with § 63.670. Operating Limits = Flare complies with operating parameters and values in § 63.670(d)-(f) Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s) Perimeter Assist Air = Flare does not receive perimeter assist air
573-ME1	40 CFR Part 63, Subpart CC	63CC-60A2	Flare Control Device = Flare controls a source subject to another 40 CFR Part 60, 61, or 63 subpart which allows or requires compliance with § 63.670. Operating Limits = Flare complies with operating parameters and values in § 63.670(d)-(f) Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s Perimeter Assist Air = Flare does not receive perimeter assist air
573-ME1	40 CFR Part 63, Subpart CC	63CC-FL1	Flare Control Device = Flare controls an emission point subject to 40 CFR Part 63, Subpart CC Operating Limits = Flare complies with operating parameters and values in § 63.670(d)-(f) Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s) Perimeter Assist Air = Flare does not receive perimeter assist air
573-ME1	40 CFR Part 63, Subpart CC	63CC-FL2	Flare Control Device = Flare controls an emission point subject to 40 CFR Part 63, Subpart CC Operating Limits = Flare complies with operating parameters and values in § 63.670(d)-(f) Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s Perimeter Assist Air = Flare does not receive perimeter assist air
WP-SRU	30 TAC Chapter 112, Sulfur Compounds	R112	Sulfur Recovery Plant = The gas sweetening unit is using sulfur recovery. Stack Height = Effective stack height greater than or equal to the standard effective stack height.
503-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322-DOCK3	VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS. PUMP SEALS IN VOC SERVICE = NO GASEOUS VOC SERVICE = NO LIQUID VOC SERVICE = YES

Unit ID	Regulation	Index Number	Basis of Determination*
			ACR = NO COMPYLING WITH 115.327(3) OR (5) AND 115.322(1) = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES PROCESS DRAINS = YES ACR = NO Complying with § 115.327(3) and § 115.322(1) = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES COMPRESSOR SEALS IN VOC SERVICE = NO Elevated Valves = The fugitive unit does not contain elevated valves. PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE = YES ACR = NO COMPLYING WITH 115.327(3) OR (5) AND 115.3 = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES Connectors = The fugitive unit contains connectors. ACR = No connectors are complying with an alternate control requirement. Complying with § 115.327(3) and § 115.322(1) = Connectors qualify for the exemption in § 115.327(3) and are complying with § 115.322(1). Remaining Components Complying with § 115.322(1) = Connectors are complying with § 115.322(1). Components Complying with § 115.358 = No components are complying with the alternative work practice in § 115.358.
503-FUG	40 CFR Part 63, Subpart CC	63CCVV-DOCK3	EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES VACUUM SERVICE = NO PUMP IN LIGHT LIQUID SERVICE = NO PUMP IN HEAVY LIQUID SERVICE = NO COMPRESSOR IN HYDROGEN SERVICE = NO COMPRESSOR NOT IN HYDROGEN SERVICE = NO PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES EQUIVALENT EMISSION LIMIT = NO COMPLYING WITH §60.482-8 = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO SAMPLING CONNECTION SYSTEMS = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES OPEN-ENDED VALVES OR LINES = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES

Unit ID	Regulation	Index Number	Basis of Determination*
			2.0% = The owner or operator is not electing to comply with an allowable percentage of valves leaking equal to or less than 2.0% VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES VALVES IN HEAVY LIQUID SERVICE = NO FLANGES AND OTHER CONNECTORS = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM = NO ENCLOSED COMBUSTION DEVICE = NO FLARE = YES CLOSED VENT SYSTEMS = Closed-vent (or vapor collection) system complying with NSPS VV FLARE EQUIVALENT EMISSION LIMITATION = NO FLARE COMPLYING WITH §60.482-10 = YES Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i) 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi) Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii) Balanced Bellows PRD = A balanced bellows pressure relied device is not used and controlled as described in §63.648(j)(4)(iii) Control Device Type = Flare Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used
506-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322-DOCK6	VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS. PUMP SEALS IN VOC SERVICE = NO GASEOUS VOC SERVICE = NO LIQUID VOC SERVICE = YES ACR = NO COMPYLING WITH 115.327(3) OR (5) AND 115.322(1) = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES PROCESS DRAINS = NO COMPRESSOR SEALS IN VOC SERVICE = NO Elevated Valves = The fugitive unit does not contain elevated valves. PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE = YES ACR = NO

Unit ID	Regulation	Index Number	Basis of Determination*
			COMPLYING WITH 115.327(3) OR (5) AND 115.3 = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES Connectors = The fugitive unit contains connectors. ACR = No connectors are complying with an alternate control requirement. Complying with § 115.327(3) and § 115.322(1) = Connectors qualify for the exemption in § 115.327(3) and are complying with § 115.322(1). Remaining Components Complying with § 115.322(1) = Connectors are complying with § 115.322(1). Components Complying with § 115.358 = No components are complying with the alternative work practice in § 115.358.
506-FUG	40 CFR Part 63, Subpart CC	63CCVV-DOCK6	EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES VACUUM SERVICE = NO PUMP IN LIGHT LIQUID SERVICE = NO PUMP IN HEAVY LIQUID SERVICE = NO COMPRESSOR IN HYDROGEN SERVICE = NO COMPRESSOR NOT IN HYDROGEN SERVICE = NO PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = YES EQUIVALENT EMISSION LIMIT = NO COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS = NO OPEN-ENDED VALVES OR LINES = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = NO VALVES IN HEAVY LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM = NO ENCLOSED COMBUSTION DEVICE = NO FLARE = YES CLOSED VENT SYSTEMS = Closed-vent (or vapor collection) system complying with NSPS VV FLARE EQUIVALENT EMISSION LIMITATION = NO FLARE COMPLYING WITH §60.482-10 = YES

Unit ID	Regulation	Index Number	Basis of Determination*
			Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i) 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi) Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii) Balanced Bellows PRD = A balanced bellows pressure relied device is not used and controlled as described in §63.648(j)(4)(iii) Control Device Type = Flare Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used
517-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT
517-FUG	40 CFR Part 63, Subpart CC	63CCVV-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO VAPOR RECOVERY SYSTEM = YES VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE = NO FLARE = YES CLOSED VENT SYSTEMS = Closed-vent (or vapor collection) system complying with NSPS VV FLARE EQUIVALENT EMISSION LIMITATION = NO FLARE COMPLYING WITH §60.482-10 = YES Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i) 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi) Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii) Balanced Bellows PRD = A balanced bellows pressure relied device is not used and controlled as described in §63.648(j)(4)(iii) Control Device Type = Flare Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used

Unit ID	Regulation	Index Number	Basis of Determination*
521-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT
521-FUG	40 CFR Part 63, Subpart CC	63CCVV-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO VAPOR RECOVERY SYSTEM = YES VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE = NO FLARE = YES CLOSED VENT SYSTEMS = Closed-vent (or vapor collection) system complying with NSPS VV FLARE EQUIVALENT EMISSION LIMITATION = NO FLARE COMPLYING WITH §60.482-10 = YES Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i) 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi) Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii) Balanced Bellows PRD = A balanced bellows pressure relied device is not used and controlled as described in §63.648(j)(4)(iii) Control Device Type = Flare Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used
525/526FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT
525/526FUG	40 CFR Part 60, Subpart VV	60VV	Produces Chemicals = The fugitive unit is not part of a facility that produces as an intermediate or final product one or more of the chemicals listed in 40 CFR § 60.489.

Unit ID	Regulation	Index Number	Basis of Determination*
525/526FUG	40 CFR Part 63, Subpart CC	63CCVV-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO VAPOR RECOVERY SYSTEM = YES VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE = NO FLARE = YES CLOSED VENT SYSTEMS = Closed-vent (or vapor collection) system complying with NSPS VV FLARE EQUIVALENT EMISSION LIMITATION = NO FLARE COMPLYING WITH §60.482-10 = YES Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i) 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi) Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii) Balanced Bellows PRD = A balanced bellows pressure relied device is not used and controlled as described in §63.648(j)(4)(iii) Control Device Type = Flare Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used
546-FUG99A	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT
546-FUG99A	40 CFR Part 60, Subpart VV	60VV	Produces Chemicals = The fugitive unit is not part of a facility that produces as an intermediate or final product one or more of the chemicals listed in 40 CFR § 60.489.
546-FUG99A	40 CFR Part 63, Subpart CC	63CCVV-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO

Unit ID	Regulation	Index Number	Basis of Determination*
			VAPOR RECOVERY SYSTEM = YES VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE = NO FLARE = YES CLOSED VENT SYSTEMS = Closed-vent (or vapor collection) system complying with NSPS VV FLARE EQUIVALENT EMISSION LIMITATION = NO FLARE COMPLYING WITH §60.482-10 = YES Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i) 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi) Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii) Balanced Bellows PRD = A balanced bellows pressure relied device is not used and controlled as described in §63.648(j)(4)(iii) Control Device Type = Flare Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used
553-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT
553-FUG	40 CFR Part 60, Subpart GGG	60GGG-E	Construction/Modification Date = ON OR BEFORE JANUARY 4, 1983
561-FUG99B	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT
561-FUG99B	40 CFR Part 60, Subpart GGG	60GGG-E	Construction/Modification Date = ON OR BEFORE JANUARY 4, 1983
572-WWT	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322-E	VOC WEIGHT PERCENT = NO COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT
572-WWT	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322-WWTP	VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.

Unit ID	Regulation	Index Number	Basis of Determination*
			PUMP SEALS IN VOC SERVICE = YES ACR = NO Complying with § 115.327(3) and § 115.322(1) = NO REMAINING COMPONENTS COMPLYING WITH 115.322(1) = PUMPS COMPLY WITH § 115.322(1) GASEOUS VOC SERVICE = NO LIQUID VOC SERVICE = YES ACR = YES COMPYLING WITH 115.327(3) OR (5) AND 115.322(1) = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES PROCESS DRAINS = YES ACR = NO Complying with § 115.327(3) and § 115.322(1) = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES COMPRESSOR SEALS IN VOC SERVICE = NO Elevated Valves = The fugitive unit does not contain elevated valves. PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE = YES ACR = NO COMPLYING WITH 115.327(3) OR (5) AND 115.3 = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES Connectors = The fugitive unit contains connectors. ACR = No connectors are complying with an alternate control requirement. Complying with § 115.327(3) and § 115.322(1) = Connectors qualify for the exemption in § 115.327(3) and are complying with § 115.322(1). Remaining Components Complying with § 115.322(1) = Connectors are complying with § 115.322(1). Components Complying with § 115.358 = No components are complying with the alternative work practice in § 115.358.
572-WWT	40 CFR Part 60, Subpart GGG	60GGG-WWT	Construction/Modification Date = AFTER JANUARY 4, 1983 Affected Facility Covered by 40 CFR 60 Subparts VV or KKK = NO Vacuum Service = NO Pumps in Light Liquid Service = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-2 = YES Pumps in Heavy Liquid Service = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-8 = YES Any Compressors = NO Pressure Relief Devices in Gas/Vapor Service = NO

Unit ID	Regulation	Index Number	Basis of Determination*
			Pressure Relief Devices in Light Liquid Service = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Pressure Relief Devices in Heavy Liquid Service = YES EEL = No equivalent means of emission limitation approved Complying with § 60.482-8 = YES Any Sampling Connection Systems = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-5 = YES Any Open-ended Valves or Lines = NO Valves or Lines Containing Asphalt = NO Valves in Gas/Vapor or Light Liquid Service = YES Compliance with § 60.483-1 = NO Compliance with § 60.483-2 = NO Leakless Phase III Valves = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-7 = YES Valves in Heavy Liquid Service = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-8 = YES Flanges and Other Connectors = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-8 = YES Vapor Recovery System = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-10 = YES Enclosed Combustion Device = NO Flare = NO Closed Vent (or Vapor Collection) System = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-10 = YES
590-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322	VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS. PUMP SEALS IN VOC SERVICE = YES ACR = NO Complying with § 115.327(3) and § 115.322(1) = YES

Unit ID	Regulation	Index Number	Basis of Determination*
			REMAINING COMPONENTS COMPLYING WITH 115.322(1) = PUMPS COMPLY WITH § 115.322(1) GASEOUS VOC SERVICE = YES ACR = NO Complying with § 115.327(5) and § 115.322(1) = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES LIQUID VOC SERVICE = YES ACR = NO COMPYLING WITH 115.327(3) OR (5) AND 115.322(1) = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES PROCESS DRAINS = NO COMPRESSOR SEALS IN VOC SERVICE = YES ACR = NO Complying with § 115.327(3) or (6) and § 115.322(1) = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES Elevated Valves = The fugitive unit does not contain elevated valves. PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE = YES ACR = NO COMPLYING WITH 115.327(3) OR (5) AND 115.3 = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES Connectors = The fugitive unit contains connectors. ACR = No connectors are complying with an alternate control requirement. Complying with § 115.327(3) and § 115.322(1) = Connectors qualify for the exemption in § 115.327(3) and are complying with § 115.322(1). Remaining Components Complying with § 115.322(1) = Connectors are complying with § 115.322(1). Components Complying with § 115.358 = No components are complying with the alternative work practice in § 115.358.
590-FUG	40 CFR Part 60, Subpart GGGa	60GGGa	Construction/Modification Date = After November 7, 2006 Affected Facility Covered by 40 CFR 60 Subparts VVa or KKK = Subject to and controlled under the provisions of 40 CFR Part 60, Subpart VVa.
851-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT
851-FUG	40 CFR Part 60, Subpart GGGa	60GGGa	Construction/Modification Date = After November 7, 2006 Affected Facility Covered by 40 CFR 60 Subparts VVa or KKK = Not subject to and controlled under any of the above regulations.

Unit ID	Regulation	Index Number	Basis of Determination*
			Vacuum Service = Fugitive unit does not contain components in vacuum service. Pumps in Light Liquid Service = Fugitive unit contains pumps in light liquid service. EEL = No equivalent emission limitation is used for pumps in light liquid service. Complying with 60.482-2a = Pumps in light liquid service are complying with the requirements of § 60.482-2a. Pumps in Heavy Liquid Service = Fugitive unit contains pumps in heavy liquid service. EEL = No equivalent emission limitation is used for pumps in heavy liquid service. Complying with 60.482-8a = Pumps in heavy liquid service are complying with the requirements of § 60.482-8a. Compressors = Fugitive unit contains compressors. Compressors in Hydrogen Service = Fugitive unit contains compressors in hydrogen service. Reciprocating Compressors under 60.14 or 60.15 = Fugitive unit does not contain reciprocating compressors that became an affected facility under 40 CFR § 60.14 or § 60.15. EEL = No equivalent emission limitation is used for reciprocating compressors that became an affected facility under 40 CFR § 60.14 or § 60.15. Complying with 60.482-3a = Reciprocating compressors that became an affected facility under 40 CFR § 60.14 or § 60.15 are complying with the requirements of § 60.482-3a. Sampling Connection Systems = Fugitive unit contains sampling connection systems. EEL = No equivalent emission limitation is used for sampling connection systems. Complying with 60.482-5a = Sampling connection systems are complying with the requirements of § 60.482-5a. Open-Ended Valves or Lines = Fugitive unit does not contain open-ended valves. Open-Ended Valves or Lines Containing Asphalt = Fugitive unit does not contain open-ended valves or lines containing asphalt. Valves in Gas/Vapor or Light Liquid Service = Fugitive unit contains valves in gas/vapor or light liquid service. Valves with Alternative Compliance with 60.483-1a = The owner or operator is not electing to comply with an allowable percentage of valves leaking equal to or less than 2.0% under § 60.483-1a as an alternative to § 60.482-7a Valves with Alternative Compliance with 60.483-2a = The owner or operator is not electing to comply with the option to skip leak detection periods under § 60.483-2a as an alternative to § 60.482-7a Leakless Phase III Valves = The owner or operator is not electing to comply with Phase III provisions in § 63.168 as an alternative to § 60.482-7a EEL = No equivalent emission limitation is used for leakless phase III valves. Complying with 60.482-7a = Leakless phase III valves are complying with the requirements of § 60.482-7a. Valves in Heavy Liquid Service = Fugitive unit contains valves in heavy liquid service. EEL = No equivalent emission limitation is used for valves in heavy liquid service. Complying with 60.482-8a = Valves in heavy liquid service are complying with the requirements of § 60.482-8a. Pressure Relief Devices in Gas/Vapor Service = Fugitive unit contains pressure relief devices in gas/vapor service. Pressure Relief Devices in Light Liquid Service = Fugitive unit does not contain pressure relief devices in light liquid service. Pressure Relief Devices in Heavy Liquid Service = Fugitive unit does not contain pressure relief devices in heavy liquid service. Connectors in Heavy Liquid Service = Fugitive unit contains connectors in heavy liquid service.

Unit ID	Regulation	Index Number	Basis of Determination*
			EEL = No equivalent emission limitation is used for connectors in heavy liquid service. Complying with 60.482-8a = Connectors in heavy liquid service are complying with the requirements of § 60.482-8a. Connectors in Gas/Vapor or Light Liquid Service = Fugitive unit contains connectors in gas/vapor or light liquid service. Vapor Recovery System = Fugitive unit does not contain a vapor recovery system. Enclosed Combustion Device = Fugitive unit does not contain an enclosed combustion device. Flare = Fugitive unit contains a flare. EEL = No equivalent emission limitation is used for a flare. Complying with 60.482-10a = Flares are complying with 60.482-10a. Closed-Vent (Or Vapor Collection) Systems = Fugitive unit contains a closed vent (or vapor collection) system. EEL = No equivalent emission limitation is used for a closed vent (or vapor collection) system. Complying with 60.482-10a = Closed vent (or vapor collection) system is complying with § 60.482-10a.
851-FUG	40 CFR Part 60, Subpart VVa	60VVa-ALL	Produces Chemicals = The facility produces, as an intermediate or final product, one or more of the chemicals listed in 40 CFR § 60.489a. Affected Facility = The facility is an affected facility as defined in 40 CFR § 60.480a(a)(2). Construction/Modification Date = After November 7, 2006. Compliance Option = Choosing to comply with the provisions of 40 CFR Part 60, Subpart VVa. Design Capacity = Site with a design capacity greater than or equal to 1,000 Mg/yr. Facility Type = Facility does not qualify for one of the exemptions in § 60.480a(d). Vapor Recovery System = Fugitive unit contains vapor recovery system. EEL = No equivalent emission limitation is used for vapor recovery system. Complying with 60.482-10a = Vapor recovery system is complying with the requirements of 60.482-10a. Enclosed Combustion Device = Fugitive unit does not contain an enclosed combustion device. Flare = Fugitive unit contains flares. EEL = No equivalent emission limitation is used for flares. Complying with 60.482-10a = Flares are complying with 60.482-10a. CVS = Fugitive unit contains closed vent systems. EEL = No equivalent emission limitation is used for closed vent systems. Complying with 60.482-10a = Closed vent system is complying with § 60.482-10a.
851-FUG	40 CFR Part 63, Subpart CC	63CCVV-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO VAPOR RECOVERY SYSTEM = YES

Unit ID	Regulation	Index Number	Basis of Determination*
			VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE = NO FLARE = YES CLOSED VENT SYSTEMS = Closed-vent (or vapor collection) system complying with NSPS VV FLARE EQUIVALENT EMISSION LIMITATION = NO FLARE COMPLYING WITH §60.482-10 = YES Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i) 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi) Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii) Balanced Bellows PRD = A balanced bellows pressure relied device is not used and controlled as described in §63.648(j)(4)(iii) Control Device Type = Flare Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used
FGRS-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322-FGRS	VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS. PUMP SEALS IN VOC SERVICE = YES ACR = NO Complying with § 115.327(3) and § 115.322(1) = NO REMAINING COMPONENTS COMPLYING WITH 115.322(1) = PUMPS COMPLY WITH § 115.322(1) GASEOUS VOC SERVICE = YES ACR = NO Complying with § 115.327(5) and § 115.322(1) = NO REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES LIQUID VOC SERVICE = YES ACR = NO COMPYLING WITH 115.327(3) OR (5) AND 115.322(1) = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES PROCESS DRAINS = NO COMPRESSOR SEALS IN VOC SERVICE = YES ACR = NO Complying with § 115.327(3) or (6) and § 115.322(1) = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES Elevated Valves = The fugitive unit does not contain elevated valves.

Unit ID	Regulation	Index Number	Basis of Determination*
			PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE = YES ACR = NO COMPLYING WITH 115.327(3) OR (5) AND 115.3 = YES REMAINING COMPONENTS COMPLYING WITH 115.322(1) = YES Connectors = The fugitive unit contains connectors. ACR = No connectors are complying with an alternate control requirement. Complying with § 115.327(3) and § 115.322(1) = Connectors qualify for the exemption in § 115.327(3) and are complying with § 115.322(1). Remaining Components Complying with § 115.322(1) = Connectors are complying with § 115.322(1). Components Complying with § 115.358 = No components are complying with the alternative work practice in § 115.358.
FGRS-FUG	40 CFR Part 60, Subpart GGG	60GGG-FGRS	Construction/Modification Date = AFTER JANUARY 4, 1983 Affected Facility Covered by 40 CFR 60 Subparts VV or KKK = NO Vacuum Service = NO Pumps in Light Liquid Service = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-2 = YES Pumps in Heavy Liquid Service = NO Any Compressors = YES Compressors in Hydrogen Service = NO COMPRESSORS IN HYDROGEN SERVICE Reciprocating Compressors per § 60.14 or § 60.15 = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-3 = YES Pressure Relief Devices in Gas/Vapor Service = YES Pressure Relief Devices in Light Liquid Service = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-8 = YES Pressure Relief Devices in Heavy Liquid Service = NO Any Sampling Connection Systems = NO Any Open-ended Valves or Lines = NO Valves or Lines Containing Asphalt = YES Valves in Gas/Vapor or Light Liquid Service = YES Compliance with § 60.483-1 = NO Compliance with § 60.483-2 = NO Leakless Phase III Valves = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-7 = YES

Unit ID	Regulation	Index Number	Basis of Determination*
			Valves in Heavy Liquid Service = NO Flanges and Other Connectors = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED Complying with § 60.482-8 = YES Vapor Recovery System = NO Enclosed Combustion Device = NO Flare = NO Closed Vent (or Vapor Collection) System = NO
581-CT1	40 CFR Part 63, Subpart Q	63Q	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.
572-CPI1	30 TAC Chapter 115, Water Separation	115-OWS01	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = Water separator does not qualify for exemption. Emission Control Option = The compartment has all openings sealed and totally encloses the liquid contents with gauging and sampling devices that are vapor tight except when in use.
572-CPI1	30 TAC Chapter 115, Water Separation	115-OWS02	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = Water separator does not qualify for exemption. Emission Control Option = Vapor recovery system which satisfies the provisions of 30 TAC § 115.131. Control Device = Carbon adsorption system.
572-TK0214	30 TAC Chapter 115, Water Separation	115-OWS01	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = Water separator does not qualify for exemption. Emission Control Option = The compartment is equipped with a floating roof or internal floating cover that rests on the contents and has closure seals to close space between the roof edge and tank wall with gauging and sampling devices that are vapor tight except when in use.
572-TK0215	30 TAC Chapter 115, Water Separation	115-OWS01	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = Water separator does not qualify for exemption. Emission Control Option = The compartment is equipped with a floating roof or internal floating cover that rests on the contents and has closure seals to close space between the roof edge and tank wall with gauging and sampling devices that are vapor tight except when in use.
590V036	30 TAC Chapter 115, Water Separation	115-OWS01	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = Water separator does not qualify for exemption. Emission Control Option = Vapor recovery system which satisfies the provisions of 30 TAC § 115.131.

Unit ID	Regulation	Index Number	Basis of Determination*
			Control Device = Control device or vapor recovery system other than a chiller, carbon adsorber, or incinerator.
590V036	40 CFR Part 61, Subpart FF	61FF-SEP	Alternate Means of Compliance = NO Alternative Standards for Oil-Water Separator = NO Fuel Gas System = EMISSIONS ARE ROUTED TO A CONTROL DEVICE Cover and Closed Vent = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NON-NEGATIVE PRESSURE (GREATER THAN ATMOSPHERIC) Close Vent System and Control Device AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349 By-Pass Line = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE Control Device Type/Operation = FLARE
525-V-8	30 TAC Chapter 115, Vent Gas Controls	115-VENT04	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected. Alternate Control Requirement = Alternate control is not used. Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
525-V-8	40 CFR Part 63, Subpart CC	63CC-06	Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Vent Type = Group 1 vent Control Device = Boiler or process heater with a design heat input capacity of greater or equal to than 44 MW or a boiler or process heater in which all vent streams are introduced into the flame zone. Alternate Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored. 98% Reduction = Compliance with the 98% by reduction requirements specified in § 63.116(c)(1)(i) are chosen. Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains by-pass lines that could divert the vent stream away from the control device used to comply with 40 CFR § 63.644(a). Secured Bypass Line = The by-pass line valve is secured in the closed position with a car-seal or a lock and key type configuration.
525-V5A12	30 TAC Chapter 115, Vent Gas Controls	115-VENT01	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.

Unit ID	Regulation	Index Number	Basis of Determination*
			Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration = VOC concentration is less than 30,000 ppmv. VOC Concentration or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.
525-V5A8	30 TAC Chapter 115, Vent Gas Controls	115-VENT01	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration = VOC concentration is less than 30,000 ppmv. VOC Concentration or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.
525-V5B12	30 TAC Chapter 115, Vent Gas Controls	115-VENT01	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration = VOC concentration is less than 30,000 ppmv. VOC Concentration or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.
525-V5B8	30 TAC Chapter 115, Vent Gas Controls	115-VENT01	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration = VOC concentration is less than 30,000 ppmv. VOC Concentration or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.

Unit ID	Regulation	Index Number	Basis of Determination*
525-V9	30 TAC Chapter 115, Vent Gas Controls	115-VENT04	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected. Alternate Control Requirement = Alternate control is not used. Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
546-H99	30 TAC Chapter 111, Visible Emissions	111-VENT01	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.
546-V13	30 TAC Chapter 115, Vent Gas Controls	115-VENT04	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected. Alternate Control Requirement = Alternate control is not used. Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
546-V18	30 TAC Chapter 115, Vent Gas Controls	115-VENT04	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above).

Unit ID	Regulation	Index Number	Basis of Determination*
			VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected. Alternate Control Requirement = Alternate control is not used. Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
546-V27	30 TAC Chapter 115, Vent Gas Controls	115-VENT04	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected. Alternate Control Requirement = Alternate control is not used. Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
546-V28	30 TAC Chapter 115, Vent Gas Controls	115-VENT04	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected. Alternate Control Requirement = Alternate control is not used. Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
546-V28	40 CFR Part 63, Subpart CC	63CC-VENT2	Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Vent Type = Group 1 vent Control Device = Boiler or process heater with a design heat input capacity of greater or equal to than 44 MW or a boiler or process heater in which all vent streams are introduced into the flame zone. Alternate Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored. 98% Reduction = Compliance with the 98% by reduction requirements specified in § 63.116(c)(1)(i) are chosen. Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines.

Unit ID	Regulation	Index Number	Basis of Determination*
573-V2	30 TAC Chapter 115, Vent Gas Controls	115-VENT03	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected. Alternate Control Requirement = Alternate control is not used. Control Device Type = Smokeless flare
GRP11VENT	30 TAC Chapter 115, Vent Gas Controls	115-VENT01	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration = VOC concentration is less than 30,000 ppmv. VOC Concentration or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.
GRP15VENT	30 TAC Chapter 115, Vent Gas Controls	115-VENT04	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected. Alternate Control Requirement = Alternate control is not used. Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
GRP17VENT	30 TAC Chapter 115, Vent Gas Controls	115-VENT04	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.

Unit ID	Regulation	Index Number	Basis of Determination*
			Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected. Alternate Control Requirement = Alternate control is not used. Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
GRP20VENT	30 TAC Chapter 115, Vent Gas Controls	115-VENT06	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected. Alternate Control Requirement = Alternate control is not used. Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).
GRP21VENT	30 TAC Chapter 115, Vent Gas Controls	115-VENT06	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C8 and above). VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected. Alternate Control Requirement = Alternate control is not used. Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).
DEGRSR1-MS	30 TAC Chapter 115, Degreasing Processes	115-DEGR1	Solvent Degreasing Machine Type = Cold solvent cleaning machine. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternative control requirement as allowed under 30 TAC § 115.413 or not alternative has been requested. Solvent Sprayed = A solvent is sprayed. Solvent Vapor Pressure = Solvent vapor pressure is greater than 0.6 psia as measured at 100 degrees Fahrenheit. Solvent Heated = The solvent is not heated to a temperature greater than 120 degrees Fahrenheit Parts Larger than Drainage = No cleaned parts for which the machine is authorized to clean are larger than the internal drainage facility of the machine.

Unit ID	Regulation	Index Number	Basis of Determination*
			Drainage Area = Area is greater than or equal to 16 square inches. Disposal in Enclosed Containers = Waste solvent is properly disposed of in enclosed containers.
DEGRSR2-ES	30 TAC Chapter 115, Degreasing Processes	115-SOLV11	Solvent Degreasing Machine Type = Degreasing operations located on a property which, when uncontrolled, can emit a combined weight of VOC less than 550 pounds in any consecutive 24-hour period. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternative control requirement as allowed under 30 TAC § 115.413 or not alternative has been requested.
DEGRSR3-PS	30 TAC Chapter 115, Degreasing Processes	115-SOLV11	Solvent Degreasing Machine Type = Degreasing operations located on a property which, when uncontrolled, can emit a combined weight of VOC less than 550 pounds in any consecutive 24-hour period. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternative control requirement as allowed under 30 TAC § 115.413 or not alternative has been requested.
527-H2	40 CFR Part 60, Subpart J	60J-FUEL01	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.
546-V26	40 CFR Part 63, Subpart UUU	63UUU-CRU	CRU TOC Emission Limitation = Reduce uncontrolled emissions of TOC or nonmethane TOC by 98% by weight or to a concentration of 20 ppmv (Option 2) complying with Table 15.2 to Subpart UUU CRU TOC Compliance Method = Complying with the TOC percent reduction limit. CRU TOC Control Device = Process Heater with a design heat input capacity < 44 MW or in which all vent streams not introduced into the flame zone. CRU Engineering Assessment = Demonstrating compliance by performance test. CRU Alternate Monitoring = Not monitoring alternate parameters in accordance with § 63.1573(e) CRU HCl Emission Limitation = Existing cyclic or continuous CRU reducing uncontrolled emissions of HCl by 97% by weight or to a concentration of 10 ppmv complying with Table 22.2 to Subpart UUU CRU HCl Control Device = Moving-bed gas-solid adsorption system. CRU Bypass Line = Use a manual lock system by installing a car-seal or lock-and-key device.
554-ME5	40 CFR Part 60, Subpart J	60J-FUEL01	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.
573-ME1	40 CFR Part 60, Subpart J	60J-FUEL01	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.

Unit ID	Regulation	Index Number	Basis of Determination*
573-ME1	40 CFR Part 60, Subpart Ja	60Ja	Facility Type = Flare that is used for fuel gas combustion. Construction/Modification Date = After June 24, 2008 AMEL = Not using an alternate means of emission limitation (AMEL) as it pertains to 40 CFR Part 60, Subpart Ja Alternative Monitoring = The flare is not complying with the alternative monitoring mentioned in §60.107a(g) §60.107a(e)(4) Exemption = The flare is not eligible for the exemption in §60.107a(e)(4) §60.107a(a)(3) Exemption = The flare is not eligible for the exemption in §60.107a(a)(3) Common Source of Fuel Gas = The flare does not use a common source of gas as described in §60.107a(a)(2)(iv) Modified Flare = The flare is not considered as a modified flare Cascaded Flare System = The flare is not used as a part of a cascaded flare system
590-H1	40 CFR Part 60, Subpart J	60J-E	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After May 14, 2007.
590-H1	40 CFR Part 60, Subpart Ja	60Ja	Facility Type = Process heater that is used for fuel gas combustion. Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing Sulfur Emission Limit in terms of ppmv H2S in fuel gas §60.107a(b) Exemption = The fuel gas combustion device is not eligible for the exemption in §60.107a(b) Common Source of Fuel Gas = The fuel gas combustion device uses a common source of gas as described in §60.107a(a)(2)(iv) Alternative Standard = The process heater does not meet the criteria or has not requested approval from the Administrator for a NOX emissions limit as described in §60.102a(i) Heater Capacity = The process heater is rated greater than 40 MMBtu/hr but less than 100MMBtu/hr Heater Type = The unit is a natural draft process heater NOx Emission Limit = The owner or operator is choosing the NOx concentration emission limit Low NOx = The process heater is equipped with combustion modification-based technology to reduce NOx emissions and the owner or operator elects to comply with the monitoring requirements in paragraphs §60.107a(c)(1) through (5)
590-H2	40 CFR Part 60, Subpart J	60J-E	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After May 14, 2007.
590-H2	40 CFR Part 60, Subpart Ja	60Ja	Facility Type = Process heater that is used for fuel gas combustion. Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing Sulfur Emission Limit in terms of ppmv H2S in fuel gas §60.107a(b) Exemption = The fuel gas combustion device is not eligible for the exemption in §60.107a(b) Common Source of Fuel Gas = The fuel gas combustion device uses a common source of gas as described in §60.107a(a)(2)(iv) Alternative Standard = The process heater does not meet the criteria or has not requested approval from the Administrator for a NOX emissions limit as described in §60.102a(i)

Unit ID	Regulation	Index Number	Basis of Determination*
			Heater Capacity = The process heater is rated greater than 40 MMBtu/hr but less than 100MMBtu/hr Heater Type = The unit is a natural draft process heater NOx Emission Limit = The owner or operator is choosing the NOx concentration emission limit Low NOx = The process heater is equipped with combustion modification-based technology to reduce NOx emissions and the owner or operator elects to comply with the monitoring requirements in paragraphs §60.107a(c)(1) through (5)
GRP1HTR	40 CFR Part 60, Subpart J	60J-FUEL01	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.
GRP1HTR	40 CFR Part 60, Subpart Ja	60Ja-E	Facility Type = Process heater that is used for fuel gas combustion. Construction/Modification Date = On or before May 14, 2007.
GRP3BOILER	40 CFR Part 60, Subpart J	60J-FUEL01	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.
WP-SRU	40 CFR Part 60, Subpart J	60J-SRU01	Facility Type = Claus sulfur recovery plant with a design capacity for sulfur feed greater than 20 LTPD with reduction control systems followed by incineration. Construction/Modification Date = After October 4, 1976 and on or before May 14, 2007.
WP-SRU	40 CFR Part 63, Subpart UUU	63UUU-WP-SRU	SRU Emission Limitation = New or existing Claus SRU subject to 40 CFR § 60.104(a)(2) or § 60.102a(f)(1) using an oxidation control system or reduction control system followed by incineration complying with 250 ppmv SO_2 emission limit SRU Alternate Monitoring = Not monitoring alternate parameters in accordance with § 63.1573(e) SRU Startup/ShutdownEmissions = Startup/shutdown emissions sent to thermal oxidizer SRU Bypass Line = No bypass line serving the SRU.
573-ME1	40 CFR Part 61, Subpart FF	61FF-FLARE01	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Flare.

* - The “unit attributes” or operating conditions that determine what requirements apply

NSR Versus Title V FOP

The state of Texas has two Air permitting programs, New Source Review (NSR) and Title V Federal Operating Permits. The two programs are substantially different both in intent and permit content.

NSR is a preconstruction permitting program authorized by the Texas Clean Air Act and Title I of the Federal Clean Air Act (FCAA). The processing of these permits is governed by 30 Texas Administrative Code (TAC) Chapter 116.111. The Title V Federal Operating Program is a federal program authorized under Title V of the FCAA that has been delegated to the state of Texas to administer and is governed by 30 TAC Chapter 122. The major differences between the two permitting programs are listed in the table below:

NSR Permit	Federal Operating Permit (FOP)
Issued Prior to new Construction or modification of an existing facility	For initial permit with application shield, can be issued after operation commences; significant revisions require approval prior to operation.
Authorizes air emissions	Codifies existing applicable requirements, does not authorize new emissions
Ensures issued permits are protective of the environment and human health by conducting a health effects review and that requirement for best available control technology (BACT) is implemented.	Applicable requirements listed in permit are used by the inspectors to ensure proper operation of the site as authorized. Ensures that adequate monitoring is in place to allow compliance determination with the FOP.
Up to two Public notices may be required. Opportunity for public comment and contested case hearings for some authorizations.	One public notice required. Opportunity for public comments. No contested case hearings.
Applies to all point source emissions in the state.	Applies to all major sources and some non-major sources identified by the EPA.
Applies to facilities: a portion of site or individual emission sources	One or multiple FOPs cover the entire site (consists of multiple facilities)
Permits include terms and conditions under which the applicant must construct and operate its various equipment and processes on a facility basis.	Permits include terms and conditions that specify the general operational requirements of the site; and include codification of all applicable requirements for emission units at the site.
Opportunity for EPA review for Federal Prevention of Significant Deterioration (PSD) and Nonattainment (NA) permits for major sources.	Opportunity for EPA review, affected states review, and a Public petition period for every FOP.
Permits have a table listing maximum emission limits for pollutants	Permit has an applicable requirements table and Periodic Monitoring (PM) / Compliance Assurance Monitoring (CAM) tables which document applicable monitoring requirements.
Permits can be altered or amended upon application by company. Permits must be issued before construction or modification of facilities can begin.	Permits can be revised through several revision processes, which provide for different levels of public notice and opportunity to comment. Changes that would be significant revisions require that a revised permit be issued before those changes can be operated.
NSR permits are issued independent of FOP requirements.	FOPs are independent of NSR permits, but contain a list of all NSR permits incorporated by reference

New Source Review Requirements

Below is a list of the New Source Review (NSR) permits for the permitted area. These NSR permits are incorporated by reference into the operating permit and are enforceable under it. These permits can be found in the main TCEQ file room, located on the first floor of Building E, 12100 Park 35 Circle, Austin, Texas. In addition, many of the permits are accessible online through the link provided below. The Public Education Program may be contacted at 1-800-687-4040 or the Air Permits Division (APD) may be contacted at 1-512-239-1250 for help with any question.

Additionally, the site contains emission units that are permitted by rule under the requirements of 30 TAC Chapter 106, Permits by Rule. Permit by Rule (PBR) registrations submitted by permittees are also available online through the link provided below. The following table specifies the PBRs that apply to the site.

The status of air permits, applications, and PBR registrations may be found by performing the appropriate search of the databases located at the following website:

www.tceq.texas.gov/permitting/air/nav/air_status_permits.html

Details on how to search the databases are available in the **Obtaining Permit Documents** section below.

New Source Review Authorization References

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX337M1	Issuance Date: 05/03/2024
PSD Permit No.: PSDTX408M3	Issuance Date: 05/03/2024
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.: 80810	Issuance Date: 01/03/2024
Authorization No.: 149680	Issuance Date: 05/20/2024
Authorization No.: 168104	Issuance Date: 06/01/2022
Authorization No.: 170246	Issuance Date: 10/20/2022
Permits by Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 09/04/2000
Number: 106.533	Version No./Date: 07/04/2004
Number: 15	Version No./Date: 09/23/1982
Number: 51	Version No./Date: 08/30/1988
Number: 51	Version No./Date: 09/12/1989
Number: 53	Version No./Date: 08/30/1988
Number: 53	Version No./Date: 09/12/1989
Number: 58	Version No./Date: 05/12/1981
Number: 61	Version No./Date: 10/04/1995
Number: 62	Version No./Date: 05/12/1981

Permits by Rule

The TCEQ has interpreted the emission limits prescribed in 30 TAC §106.4(a) as both emission thresholds and default

emission limits. The emission limits in 30 TAC §106.4(a) are all considered applicable to each facility as a threshold matter to ensure that the owner/operator qualifies for the PBR authorization. Those same emission limits are also the default emission limits if the specific PBR does not further limit emissions or there is no lower, certified emission limit claimed by the owner/operator.

This interpretation is consistent with how TCEQ has historically determined compliance with the emission limits prior to the addition of the "as applicable" language. The "as applicable" language was added in 2014 as part of changes to the sentence structure in a rulemaking that made other changes to address greenhouse gases and was not intended as a substantive rule change. This interpretation also provides for effective and practical enforcement of 30 TAC §106.4(a), since for the TCEQ to effectively enforce the emission limits in 30 TAC §106.4(a) as emission thresholds, all emission limits must apply. As provided by 30 TAC §106.4(a)(2) and (3), an owner/operator shall not claim a PBR authorization if the facility is subject to major New Source Review. The practical and legal effect of the language in 30 TAC § 106.4 is that if a facility does not emit a pollutant, then the potential to emit for that particular pollutant is zero, and thus, the facility is not authorized to emit the pollutant pursuant to the PBR.

The permit holder is required to keep records for demonstrating compliance with PBRs in accordance with 30 TAC § 106.8 for the following categories:

- As stated in 30 TAC § 106.8(a), the permit holder is not required to keep records for de minimis sources as designated in 30 TAC § 116.119.
- As stated in 30 TAC § 106.8(b) for PBRs on the insignificant activities list, the permit holder is required to provide information that would demonstrate compliance with the general requirements of 30 TAC § 106.4.
- As stated in 30 TAC § 106.8(c) for all other PBRs, the permit holder must maintain sufficient records to demonstrate compliance with the general requirements specified in 30 TAC § 106.4 and to demonstrate compliance with the emission limits and any specific conditions of the PBR as applicable.

The application, or a previously submitted application, contains a PBR Supplemental Table. This table provides supplemental information for all PBR authorizations at the site or application area, including PBRs that are not listed on the OP-REQ1 form. PBRs that are not listed on the OP-REQ1 form authorize emission units that the TCEQ has determined are insignificant sources of emissions (IEUs). PBRs are enforceable through permit condition number 21. The EPA gives States broad discretion in prescribing monitoring, recordkeeping, and reporting for generally applicable requirements that cover insignificant emission units. (see EPA *White Paper Number 2 for Improved Implementation of the Part 70 Operating Permits Program*). Federal regulations specifically identify recordkeeping as an appropriate level of monitoring necessary to assure compliance with the requirements applicable to an emissions unit. Permitting authorities have the best sense of where it is appropriate to conclude that periodic monitoring is not necessary for IEUs, when state program rules already provide sufficient monitoring for these units.

In the case of IEUs in particular, the recordkeeping in 30 TAC §106.8 is sufficient because the units do not have the potential to violate emission limitations or other requirements under normal operating conditions. In particular, where the establishment of a regular program of monitoring would not significantly enhance the ability of the permit to assure compliance with the applicable requirement, the permitting authority can provide that the applicable requirement has monitoring sufficient to yield reliable data that is representative of the emission unit's compliance with the limitations. Therefore, for IEUs compliance with 30 TAC §106.8 is sufficient to meet federal monitoring requirements.

The PBR 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, or parametric monitoring. The PBR records also satisfy the federal operating permit periodic monitoring requirements of 30 TAC § 122.142(c) as they are representative of the emission unit's compliance with 30 TAC Chapter 106.

Emission Units and Emission Points

In air permitting terminology, any source capable of generating emissions (for example, an engine or a sandblasting area) is called an Emission Unit. For purposes of Title V, emission units are specifically listed in the operating permit when they have applicable requirements other than New Source Review (NSR), or when they are listed in the permit shield table.

The actual physical location where the emissions enter the atmosphere (for example, an engine stack or a sand-blasting yard) is called an emission point. For New Source Review preconstruction permitting purposes, every emission unit has an associated emission point. Emission limits are listed in an NSR permit, associated with an emission point. This list of emission points and emission limits per pollutant is commonly referred to as the "Maximum Allowable Emission Rate Table", or "MAERT" for short. Specifically, the MAERT lists the Emission Point Number (EPN) that identifies the emission

point, followed immediately by the Source Name, identifying the emission unit that is the source of those emissions on this table.

Thus, by reference, an emission unit in a Title V operating permit is linked by reference number to an NSR authorization, and its related emission point.

Monitoring Sufficiency

Federal and state rules, 40 CFR § 70.6(a)(3)(i)(B) and 30 TAC § 122.142(c) respectively, require that each federal operating permit include additional monitoring for applicable requirements that lack periodic or instrumental monitoring (which may include recordkeeping that serves as monitoring) that yields reliable data from a relevant time period that are representative of the emission unit's compliance with the applicable emission limitation or standard. Furthermore, the federal operating permit must include compliance assurance monitoring (CAM) requirements for emission sources that meet the applicability criteria of 40 CFR Part 64 in accordance with 40 CFR § 70.6(a)(3)(i)(A) and 30 TAC § 122.604(b).

With the exception of any emission units listed in the Periodic Monitoring or CAM Summaries in the FOP, the TCEQ Executive Director has determined that the permit contains sufficient monitoring, testing, recordkeeping, and reporting requirements that assure compliance with the applicable requirements. If applicable, each emission unit that requires additional monitoring in the form of periodic monitoring or CAM is described in further detail under the Rationale for CAM/PM Methods Selected section following this paragraph.

Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected

Compliance Assurance Monitoring (CAM):

Compliance Assurance Monitoring (CAM) is a federal monitoring program established under Title 40 Code of Federal Regulations Part 64 (40 CFR Part 64).

Emission units are subject to CAM requirements if they meet the following criteria:

1. the emission unit is subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement;

2. the emission unit uses a control device to achieve compliance with the emission limitation or standard specified in the applicable requirement; and

3. the emission unit has the pre-control device potential to emit greater than or equal to the amount in tons per year for a site to be classified as a major source.

The following table(s) identify the emission unit(s) that are subject to CAM:

Unit/Group/Process Information	
ID No.: WP-SRU	
Control Device ID No.: 554-ME5	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R112
Pollutant: SO_2	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: SO2 emission rate	
Minimum Frequency: four times per hour	
Averaging Period: hourly	
Deviation Limit: SO2 emission rate exceeds 1,057 lb/hr	
Basis of CAM: It is widely practiced and accepted to calibrate and use a portable analyzer or CEMS to measure SO2 concentration with procedures such as EPA Test Method 6C. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard.	

Periodic Monitoring:

The Federal Clean Air Act requires that each federal operating permit include monitoring sufficient to assure compliance with the terms and conditions of the permit. Most of the emission limits and standards applicable to emission units at Title V sources include adequate monitoring to show that the units meet the limits and standards. For those requirements that do not include monitoring, or where the monitoring is not sufficient to assure compliance, the federal operating permit must include such monitoring for the emission units affected. The following emission units are subject to periodic monitoring requirements because the emission units are subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement that does not already require monitoring, or the monitoring for the applicable requirement is not sufficient to assure compliance:

Unit/Group/Process Information	
ID No.: 525-V-8	
Control Device ID No.: 527-H2	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is less than 44 megawatts)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Records of heater construction	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Maintain records sufficient to demonstrate that the vent is introduced into the flame zone	
Basis of monitoring: Introduction of the vent stream into the flame zone ensures proper combustion of VOC emissions.	

Unit/Group/Process Information	
ID No.: 525-V9	
Control Device ID No.: 527-H2	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is less than 44 megawatts)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Records of heater construction	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Maintain records sufficient to demonstrate that the vent is introduced into the flame zone.	
Basis of monitoring: Introduction of the vent stream into the flame zone ensures proper combustion of VOC emissions.	

Unit/Group/Process Information	
ID No.: 546-H99	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-VENT01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Visible emissions or an opacity greater than 15% averaged over a six minute period.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: 546-V13	
Control Device ID No.: 546-H1	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Fuel use records	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Periods when fuel use records are not available shall be considered deviations, if this unit is operating	
Basis of monitoring: A common way to control VOC emissions is to route emissions to a boiler or process heater with a design heat input capacity of 44 MW or greater with minimum temperatures of 1100 ºC and residence times greater than one second. Boilers and process heaters with the stated design have demonstrated to meet 98% reduction efficiency; therefore, it is only necessary to document the period of operation of the control equipment. Additionally, in the October, 21, 1983 preamble to 40 CFR Part 60, Subpart III, (48 FR 48945), the EPA determined that installing a steam generating unit, with a design heat input capacity of 44 MW or greater, to control VOC emissions, is an acceptable means of demonstrating compliance with 40 CFR Part 60, Subpart III and waived the requirement for a performance test on such devices. Monitoring the period of operation of a boiler/process heater greater than 44 MW is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.	

Unit/Group/Process Information	
ID No.: 546-V18	
Control Device ID No.: 546-H2	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: All periods that are not recorded shall be considered and reported as a deviation.	
Basis of monitoring: The period of operation is a work practice requirement to maintain documentation of all periods of operation of the boiler/process heater. Boiler/process heaters with a design heat input capacity of 44 MW or greater are operated at temperatures greater than 1100 EC and at residence times greater than one second. High temperature and residence time are the two primary conditions necessary for high combustion device control efficiency. Because it has been demonstrated that boiler/process heaters with a design heat input capacity greater than 44 MW already operate in excess of the temperature and residence time demonstrated to meet a 98% reduction efficiency it is only necessary to document the period of operation of the control equipment. Also note that in the October, 21, 1983 preamble to 40 CFR Part 60, Subpart III, (48 FR 48945), the EPA determined that installing a steam generating unit, with a design heat input capacity of 44 MW or greater, to control VOC emissions, is an acceptable means of demonstrating compliance with 40 CFR Part 60, Subpart III and waived the requirement for a performance test on such devices. Monitoring the period of operation of a boiler/process heater greater than 44 MW is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.	

Unit/Group/Process Information	
ID No.: 546-V27	
Control Device ID No.: 546-H1	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Fuel use records	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Periods when fuel records are not available shall be considered deviations, if this vent is operating.	
Basis of monitoring: A common way to control VOC emissions is to route emissions to a boiler or process heater with a design heat input capacity of 44 MW or greater with minimum temperatures of 1100 ºC and residence times greater than one second. Boilers and process heaters with the stated design have demonstrated to meet 98% reduction efficiency; therefore, it is only necessary to document the period of operation of the control equipment. Additionally, in the October, 21, 1983 preamble to 40 CFR Part 60, Subpart III, (48 FR 48945), the EPA determined that installing a steam generating unit, with a design heat input capacity of 44 MW or greater, to control VOC emissions, is an acceptable means of demonstrating compliance with 40 CFR Part 60, Subpart III and waived the requirement for a performance test on such devices. Monitoring the period of operation of a boiler/process heater greater than 44 MW is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.	

Unit/Group/Process Information	
ID No.: 546-V28	
Control Device ID No.: 546-H2	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: All periods that are not recorded shall be considered and reported as a deviation.	
Basis of monitoring: The period of operation is a work practice requirement to maintain documentation of all periods of operation of the boiler/process heater. Boiler/process heaters with a design heat input capacity of 44 MW or greater are operated at temperatures greater than 1100 EC and at residence times greater than one second. High temperature and residence time are the two primary conditions necessary for high combustion device control efficiency. Because it has been demonstrated that boiler/process heaters with a design heat input capacity greater than 44 MW already operate in excess of the temperature and residence time demonstrated to meet a 98% reduction efficiency it is only necessary to document the period of operation of the control equipment. Also note that in the October, 21, 1983 preamble to 40 CFR Part 60, Subpart III, (48 FR 48945), the EPA determined that installing a steam generating unit, with a design heat input capacity of 44 MW or greater, to control VOC emissions, is an acceptable means of demonstrating compliance with 40 CFR Part 60, Subpart III and waived the requirement for a performance test on such devices. Monitoring the period of operation of a boiler/process heater greater than 44 MW is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.	

Unit/Group/Process Information	
ID No.: 552-T1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-05
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Recorded finding of inspection	
Minimum Frequency: Annual	
Averaging Period: N/A	
Deviation Limit: Repairs are not completed nor is the tank taken out of service when monitoring data indicates that the roof is not in compliance per 30 TAC § 115.114(b)(1).	
Basis of monitoring: Visual inspections of the external or internal floating roof to ensure: that the roof is floating on the surface of the VOC and not on the leg supports, liquid has not accumulated on the external floating roof, the seals are not detached, and there are no holes or tears in the seal fabric; provides an assurance of compliance that it is operating in accordance with its design to meet the required control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115, Subchapter B, Division 1: Storage of VOCs. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115, Subchapter B, Division 1: Storage of VOCs.	

Unit/Group/Process Information	
ID No.: 552-T2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-05
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Recorded finding of inspection	
Minimum Frequency: Annual	
Averaging Period: N/A	
Deviation Limit: Repairs are not completed nor is the tank taken out of service when monitoring data indicates that the roof is not in compliance per 30 TAC § 115.114(b)(1).	
Basis of monitoring: Visual inspections of the external or internal floating roof to ensure: that the roof is floating on the surface of the VOC and not on the leg supports, liquid has not accumulated on the external floating roof, the seals are not detached, and there are no holes or tears in the seal fabric; provides an assurance of compliance that it is operating in accordance with its design to meet the required control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115, Subchapter B, Division 1: Storage of VOCs. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115, Subchapter B, Division 1: Storage of VOCs.	

Unit/Group/Process Information	
ID No.: 572-CPI1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: 115-OWS01
Pollutant: VOC	Main Standard: § 115.132(b)(1)
Monitoring Information	
Indicator: Recorded finding of inspection	
Minimum Frequency: Quarterly	
Averaging Period: N/A	
Deviation Limit: Repairs are not completed in accordance to 30 TAC §115.322(2) for a potential leak interface other than a seal around a shaft that passes through a cover opening with monitoring greater than or equal to 500 ppmv. Repairs are not completed in accordance with 30 TAC §115.322(2).	
Basis of monitoring: It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.	

Unit/Group/Process Information	
ID No.: 572-CPI1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: 115-OWS02
Pollutant: VOC	Main Standard: § 115.132(b)(3)
Monitoring Information	
Indicator: Recorded inspection of finding	
Minimum Frequency: Quarterly	
Averaging Period: N/A	
Deviation Limit: Repairs are not completed in accordance to 30 TAC §115.322(2) for a potential leak interface other than a seal around a shaft that passes through a cover opening with monitoring greater than or equal to 500 ppmv. Repairs are not completed in accordan	
Basis of monitoring: It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.	

Unit/Group/Process Information	
ID No.: 573-V2	
Control Device ID No.: 573-ME1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT03
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Presence of a pilot flame	
Minimum Frequency: once per hour	
Averaging Period: n/a	
Deviation Limit: Absence of a pilot flame	
Basis of monitoring: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: 585-T6019	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-03
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Inadequate or Missing Tank Construction Specifications	
Basis of monitoring: The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere.	

Unit/Group/Process Information	
ID No.: 585-T6019	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-03
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: Questionable integrity of fill pipe, not repaired before refilling	
Basis of monitoring: The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere.	

Unit/Group/Process Information	
ID No.: 590V036	
Control Device ID No.: 573-ME1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: 115-OWS01
Pollutant: VOC	Main Standard: § 115.132(b)(3)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
Deviation Limit: Absence of a pilot flame	
Basis of monitoring: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: DEGRSR1-MS	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: 115-DEGR1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: n/a	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC § 115.412(1) (A)-(F) shall be considered and reported as a deviation.	
Basis of monitoring: Maintaining monthly records of the cold solvent cleaner equipment inspections is an effective way to ensure that the system is operating in accordance with its design.	

Unit/Group/Process Information	
ID No.: GRP15VENT	
Control Device ID No.: 546-H1	Control Device Type: STEAM GENERATING UNIT (BOILER)/PROCESS HEATER (DESIGN HEAT INPUT IS GREATER THAN OR EQUAL TO 44 MEGAWATTS)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Fuel use records	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Periods when fuel use records are not available shall be considered deviations, if this vent is operating.	
Basis of monitoring: A common way to control VOC emissions is to route emissions to a boiler or process heater with a design heat input capacity of 44 MW or greater with minimum temperatures of 1100 ºC and residence times greater than one second. Boilers and process heaters with the stated design have demonstrated to meet 98% reduction efficiency; therefore, it is only necessary to document the period of operation of the control equipment. Additionally, in the October, 21, 1983 preamble to 40 CFR Part 60, Subpart III, (48 FR 48945), the EPA determined that installing a steam generating unit, with a design heat input capacity of 44 MW or greater, to control VOC emissions, is an acceptable means of demonstrating compliance with 40 CFR Part 60, Subpart III and waived the requirement for a performance test on such devices. Monitoring the period of operation of a boiler/process heater greater than 44 MW is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.	

Unit/Group/Process Information	
ID No.: GRP17VENT	
Control Device ID No.: 546-H2	Control Device Type: STEAM GENERATING UNIT (BOILER)/PROCESS HEATER (DESIGN HEAT INPUT IS GREATER THAN OR EQUAL TO 44 MEGAWATTS)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Fuel use records	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Periods when fuel use records are not available shall be considered deviations, if this vent is operating.	
Basis of monitoring: A common way to control VOC emissions is to route emissions to a boiler or process heater with a design heat input capacity of 44 MW or greater with minimum temperatures of 1100 ºC and residence times greater than one second. Boilers and process heaters with the stated design have demonstrated to meet 98% reduction efficiency; therefore, it is only necessary to document the period of operation of the control equipment. Additionally, in the October, 21, 1983 preamble to 40 CFR Part 60, Subpart III, (48 FR 48945), the EPA determined that installing a steam generating unit, with a design heat input capacity of 44 MW or greater, to control VOC emissions, is an acceptable means of demonstrating compliance with 40 CFR Part 60, Subpart III and waived the requirement for a performance test on such devices. Monitoring the period of operation of a boiler/process heater greater than 44 MW is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.	

Unit/Group/Process Information	
ID No.: GRP20VENT	
Control Device ID No.: 554-ME5	Control Device Type: THERMAL INCINERATOR (DIRECT FLAME INCINERATOR/REGENERATIVE THERMAL OXIDIZER)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT06
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Combustion temperature	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Any monitoring data below the established minimum combustion temperature of 1300 F shall be considered a deviation.	
Basis of monitoring: To achieve the proper destruction efficiency the thermal incinerator must be maintained above a baseline temperature. Operation below the minimum combustion temperature will result in incomplete combustion. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRP21VENT	
Control Device ID No.: 554-ME5	Control Device Type: THERMAL INCINERATOR (DIRECT FLAME INCINERATOR/REGENERATIVE THERMAL OXIDIZER)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT06
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Combustion temperature	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Any monitoring data below the established minimum combustion temperature of 1300 F shall be considered a deviation.	
Basis of monitoring: To achieve the proper destruction efficiency the thermal incinerator must be maintained above a baseline temperature. Operation below the minimum combustion temperature will result in incomplete combustion. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRP5WPRO	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-05
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: Repairs shall be made or the tank taken out of service if monitoring data indicates that the roof is not in compliance with 30 TAC § 115.114(b)(1).	
Basis of monitoring: Visual inspections of the external or internal floating roof to ensure: that the roof is floating on the surface of the VOC and not on the leg supports, liquid has not accumulated on the external floating roof, the seals are not detached, and there are no holes or tears in the seal fabric; provides an assurance of compliance that it is operating in accordance with its design to meet the required control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115, Subchapter B, Division 1: Storage of VOCs. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115, Subchapter B, Division 1: Storage of VOCs.	

Unit/Group/Process Information	
ID No.: GRPVENDTKS	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-3
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Inadequate or Missing Tank Construction Specifications	
Basis of monitoring: The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere.	

Unit/Group/Process Information	
ID No.: GRPVENDTKS	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-3
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: Questionable structural integrity of fill pipe, not repaired before refilling	
Basis of monitoring: The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere.	

Obtaining Permit Documents

The New Source Review Authorization References table in the FOP specifies all NSR authorizations that apply at the permit area covered by the FOP. Individual NSR permitting files are located in the TCEQ Central File Room (TCEQ Main Campus located at 12100 Park 35 Circle, Austin, Texas, 78753, Building E, Room 103). They can also be obtained electronically from TCEQ's Central File Room Online (https://www.tceq.texas.gov/goto/cfr-online). Guidance documents that describe how to search electronic records, including Permits by Rule (PBRs) or NSR permits incorporated by reference into an FOP, archived in the Central File Room server are available at https://www.tceq.texas.gov/permitting/air/nav/air_status_permits.html

All current PBRs are contained in Chapter 106 and can be viewed at the following website:

https://www.tceq.texas.gov/permitting/air/permitbyrule/air_pbr_index.html

Previous versions of 30 TAC Chapter 106 PBRs may be viewed at the following website:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html

Historical Standard Exemption lists may be viewed at the following website:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html

Additional information concerning PBRs is available on the TCEQ website:

https://www.tceq.texas.gov/permitting/air/nav/air_pbr.html

Compliance Review

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on March 14, 2025.
   Site rating: 4.23 / Satisfactory Company rating: 5.54 / Satisfactory
   (High < 0.10; Satisfactory ≥ 0.10 and ≤ 55; Unsatisfactory > 55)
2. Has the permit changed on the basis of the compliance history or site/company rating? .....No

Site/Permit Area Compliance Status Review

1. Were there any out-of-compliance units listed on Form OP-ACPS? .....No
2. Is a compliance plan and schedule included in the permit? .....No

Available Unit Attribute Forms

OP-UA1 - Miscellaneous and Generic Unit Attributes
OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes
OP-UA3 - Storage Tank/Vessel Attributes
OP-UA4 - Loading/Unloading Operations Attributes
OP-UA5 - Process Heater/Furnace Attributes
OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes
OP-UA7 - Flare Attributes
OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes
OP-UA11 - Stationary Turbine Attributes
OP-UA12 - Fugitive Emission Unit Attributes
OP-UA13 - Industrial Process Cooling Tower Attributes
OP-UA14 - Water Separator Attributes
OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
OP-UA16 - Solvent Degreasing Machine Attributes
OP-UA17 - Distillation Unit Attributes
OP-UA18 - Surface Coating Operations Attributes
OP-UA19 - Wastewater Unit Attributes
OP-UA20 - Asphalt Operations Attributes
OP-UA21 - Grain Elevator Attributes
OP-UA22 - Printing Attributes

OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes
OP-UA25 - Synthetic Fiber Production Attributes
OP-UA26 - Electroplating and Anodizing Unit Attributes
OP-UA27 - Nitric Acid Manufacturing Attributes
OP-UA28 - Polymer Manufacturing Attributes
OP-UA29 - Glass Manufacturing Unit Attributes
OP-UA30 - Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
OP-UA31 - Lead Smelting Attributes
OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes
OP-UA33 - Mineral Processing Plant Attributes
OP-UA34 - Pharmaceutical Manufacturing
OP-UA35 - Incinerator Attributes
OP-UA36 - Steel Plant Unit Attributes
OP-UA37 - Basic Oxygen Process Furnace Unit Attributes
OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes
OP-UA39 - Sterilization Source Attributes
OP-UA40 - Ferroalloy Production Facility Attributes
OP-UA41 - Dry Cleaning Facility Attributes
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes
OP-UA43 - Sulfuric Acid Production Attributes
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes
OP-UA45 - Surface Impoundment Attributes
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes
OP-UA47 - Ship Building and Ship Repair Unit Attributes
OP-UA48 - Air Oxidation Unit Process Attributes
OP-UA49 - Vacuum-Producing System Attributes
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes
OP-UA51 - Dryer/Kiln/Oven Attributes
OP-UA52 - Closed Vent Systems and Control Devices
OP-UA53 - Beryllium Processing Attributes
OP-UA54 - Mercury Chlor-Alkali Cell Attributes
OP-UA55 - Transfer System Attributes
OP-UA56 - Vinyl Chloride Process Attributes
OP-UA57 - Cleaning/Depainting Operation Attributes
OP-UA58 - Treatment Process Attributes
OP-UA59 - Coke By-Product Recovery Plant Attributes
OP-UA60 - Chemical Manufacturing Process Unit Attributes
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes
OP-UA62 - Glycol Dehydration Unit Attributes
OP-UA63 - Vegetable Oil Production Attributes
OP-UA64 - Coal Preparation Plant Attributes