

Statement of Basis of the Federal Operating Permit

Clean Harbors Deer Park, LLC

Site Name: Clean Harbors Deer Park LLC
Area Name: Harris County Texas
Physical Location: 2027 Independence Pkwy S
Nearest City: La Porte
County: Harris

Permit Number: O1566
Project Type: Renewal

The North American Industry Classification System (NAICS) Code: 562211
NAICS Name: Hazardous Waste Treatment and Disposal

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: June 15, 2026

Operating Permit Basis of Determination

Permit Area Process Description

Clean Harbors Deer Park, LLC operates a hazardous waste management facility at the Deer Park site. In general, wastes are received by rail and truck, and are stored, treated, incinerated, and/or landfilled.

Waste Receiving

All waste is received in containers or bulk carriers. Compatible liquids are directed into on-site storage tanks and incompatible liquids remain in the original container and may be incinerated directly from these containers. Bulk materials are incinerated or repackaged into containers for incineration on a later date. Vapors from these operations are routed to the incinerators or a back-up carbon adsorption system.

Storage Tanks

The North Tank Farm consists of 29 tanks with a total capacity of about 892,000 gallons which are used for the storage of aqueous streams or combustible liquids to be incinerated.

The West Tank Farm consists of two 7000 gallon storage vessels. All storage tanks have fixed roofs and pressure vent systems. The tanks also have a nitrogen blanketing system for fire protection and are routed to a vent system for disposal of standing and working losses in the 3.6 meter kiln's afterburner. If the afterburner is not in operation, then the vapors are vented to a carbon adsorption system (EPN E-2).

Mix Building

The tanks located in the Mix Building are open vessels used for waste mixing and blending, and to store wastes prior to mixing or incineration. The vapors from these tanks and transfer operations are captured and routed to the afterburners on Train I or Train II.

Rotary Reactor Feed Building

Various sludges and solids are directed to this area where they will be blended together and fed directly into the rotary reactor kiln (RRKILN). Vapors from these operations are vented through the intake side of the kiln combustion fan and discharged into the rotary kiln (TS-RRKILN).

Vacuum Truck Operations

These trucks are used to transfer liquid waste from containers to the tank storage farms. A closed vent system is used to route transfer vapors to a kiln's afterburner.

Incinerator Trains

Incinerator Train I consists of a 3.6 meter rotary kiln capable of burning waste liquids, sludges, and solids. Train II consists of a 4.4 meter BKMI slagging rotary kiln, rotary reactor and afterburner that utilizes coal slag and lime, and is primarily used for incinerating solids.

Stabilization and Encapsulation Facility

This facility is used to pre-condition waste prior to placing it in the landfills. This is done by mixing wastes with solidifying agents such as cement kiln dust.

Miscellaneous Sources

Other sources at the site include a lime storage silo, diesel generators, fire water pumps, equipment fugitives, a wastewater tank, two boilers, and wastewater treatment facilities. The site also contains vent streams from a PCB shredder and fugitives from a leachate collection system for the inactive South Landfill.

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, 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) and constructed after January 31, 1972 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.

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)	No
Nonattainment New Source Review (NNSR)	Yes
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

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*
GRPENG	30 TAC Chapter 117, Subchapter B	R7ICI-1	Type of Service = Used exclusively in emergency situations Fuel Fired = Petroleum-based diesel fuel
N-1	30 TAC Chapter 117, Subchapter B	R7300	Type of Service = Used exclusively in emergency situations Fuel Fired = Natural gas ESAD Date Placed in Service = Placed into service after December 31, 2000.
N-1	40 CFR Part 60, Subpart JJJJ	60JJJJ	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification after June 12, 2006. Test Cell = The SI ICE is not being tested at an engine test cell/stand. Exemption = The SI ICE is not exempt. Temp Replacement = The SI ICE is not acting as a temporary replacement. Horsepower = Maximum engine power greater than 25 HP and less than or equal to 100 HP. Fuel = SI ICE that uses natural gas. Commencing = SI ICE was newly constructed after 06/12/2006 Manufacture Date = Date of manufacture is on or after January 1, 2009. Certified = Purchased a certified SI ICE. Operation = Operating and maintaining the certified SI ICE and control device according to manufacturer's written instructions. Service = SI ICE is an emergency engine. Optional Compliance = Choosing to purchase an engine certified according to 40 CFR Part 1048 and install and configure the engine according to manufacturer's specifications.
N-1	40 CFR Part 63, Subpart ZZZZ	63ZZZZ	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 100 HP and less than 250 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. 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).
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).

Unit ID	Regulation	Index Number	Basis of Determination*
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator

Unit ID	Regulation	Index Number	Basis of Determination*
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	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

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	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

Unit ID	Regulation	Index Number	Basis of Determination*
			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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP<20KTK	40 CFR Part 61, Subpart FF	61FF-E2	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.

Unit ID	Regulation	Index Number	Basis of Determination*
GRP<20KTK	40 CFR Part 61, Subpart FF	61FF-I	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRP<20KTK	40 CFR Part 61, Subpart FF	61FF-II	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRP<20KTK	40 CFR Part 61, Subpart Y	61Y-BENZ	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)
GRP<20KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E2	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons

Unit ID	Regulation	Index Number	Basis of Determination*
			Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRP<20KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRP<20KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRP<20KTK	40 CFR Part 63, Subpart DD	63DD-E2	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = Design analysis is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Carbon adsorption system Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device. Regenerable Carbon Adsorber = The carbon adsorber is not regenerable. Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).
GRP<20KTK	40 CFR Part 63, Subpart DD	63DD-I	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used.

Unit ID	Regulation	Index Number	Basis of Determination*
			HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRP<20KTK	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRP<20KTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.

Unit ID	Regulation	Index Number	Basis of Determination*
GRP<20KTK	40 CFR Part 63, Subpart G	63G-E	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m³ and storing liquid with any vapor pressure Control Device Type = Carbon adsorber Regeneration = The carbon bed is not regenerated directly on site Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i). 95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.
GRP<20KTK	40 CFR Part 63, Subpart G	63G-I	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m³ and storing liquid with any vapor pressure Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
GRP<20KTK	40 CFR Part 63, Subpart G	63G-II	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m³ and storing liquid with any vapor pressure Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system

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 Control Device Type = Carbon adsorber (non-regenerative).
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	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 1,000 gallons but less than or equal to 40,000 gallons

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).

Unit ID	Regulation	Index Number	Basis of Determination*
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator

Unit ID	Regulation	Index Number	Basis of Determination*
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP<25KTK	40 CFR Part 61, Subpart FF	61FF-E2	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.
GRP<25KTK	40 CFR Part 61, Subpart FF	61FF-I	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRP<25KTK	40 CFR Part 61, Subpart FF	61FF-II	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRP<25KTK	40 CFR Part 61, Subpart Y	61Y-BENZ	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)
GRP<25KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E2	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare

Unit ID	Regulation	Index Number	Basis of Determination*
GRP<25KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRP<25KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRP<25KTK	40 CFR Part 63, Subpart DD	63DD-E2	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = Design analysis is used to demonstrate control device performance.

Unit ID	Regulation	Index Number	Basis of Determination*
			No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Carbon adsorption system Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device. Regenerable Carbon Adsorber = The carbon adsorber is not regenerable. Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).
GRP<25KTK	40 CFR Part 63, Subpart DD	63DD-I	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.

Unit ID	Regulation	Index Number	Basis of Determination*
GRP<25KTK	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRP<25KTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.
GRP<25KTK	40 CFR Part 63, Subpart G	63G-E	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m³ but less than 151m³ and vapor pressure of liquid stored is less than 13.1 kPa Control Device Type = Carbon adsorber

Unit ID	Regulation	Index Number	Basis of Determination*
			Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii) Regeneration = The carbon bed is not regenerated directly on site Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i). 95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.
GRP<25KTK	40 CFR Part 63, Subpart G	63G-I	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m³ but less than 151m³ and vapor pressure of liquid stored is less than 13.1 kPa Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
GRP<25KTK	40 CFR Part 63, Subpart G	63G-II	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m³ but less than 151m³ and vapor pressure of liquid stored is less than 13.1 kPa Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
GRP<25KTK	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 60, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system 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*
			Control Device Type = Carbon adsorber (non-regenerative).
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system

Unit ID	Regulation	Index Number	Basis of Determination*
			True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	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 using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	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 using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).

Unit ID	Regulation	Index Number	Basis of Determination*
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	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 using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	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 using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	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 using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	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 using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	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 using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator

Unit ID	Regulation	Index Number	Basis of Determination*
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	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 using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	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 using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP<40KTK	40 CFR Part 61, Subpart FF	61FF-E2	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.
GRP<40KTK	40 CFR Part 61, Subpart FF	61FF-I	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRP<40KTK	40 CFR Part 61, Subpart FF	61FF-II	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRP<40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)
GRP<40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E2	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare

Unit ID	Regulation	Index Number	Basis of Determination*
GRP<40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRP<40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRP<40KTK	40 CFR Part 63, Subpart DD	63DD-E2	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = Design analysis is used to demonstrate control device performance.

Unit ID	Regulation	Index Number	Basis of Determination*
			No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Carbon adsorption system Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device. Regenerable Carbon Adsorber = The carbon adsorber is not regenerable. Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).
GRP<40KTK	40 CFR Part 63, Subpart DD	63DD-I	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.

Unit ID	Regulation	Index Number	Basis of Determination*
GRP<40KTK	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRP<40KTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.
GRP<40KTK	40 CFR Part 63, Subpart G	63G-E	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m³ but less than 151m³ and vapor pressure of liquid stored is less than 13.1 kPa Control Device Type = Carbon adsorber

Unit ID	Regulation	Index Number	Basis of Determination*
			Regeneration = The carbon bed is not regenerated directly on site Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i). 95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.
GRP<40KTK	40 CFR Part 63, Subpart G	63G-I	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m³ but less than 151m³ and vapor pressure of liquid stored is less than 13.1 kPa Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
GRP<40KTK	40 CFR Part 63, Subpart G	63G-II	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m³ but less than 151m³ and vapor pressure of liquid stored is less than 13.1 kPa Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
GRP<40KTK	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 60, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	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 = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	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 = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).

Unit ID	Regulation	Index Number	Basis of Determination*
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	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 = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	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 = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	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 = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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 = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	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 = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator

Unit ID	Regulation	Index Number	Basis of Determination*
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	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 = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	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 = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	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 a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	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 a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	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 using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	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 a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	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 a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	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 a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	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 a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	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

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	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 a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRP>40KTK	40 CFR Part 61, Subpart FF	61FF-E2	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.
GRP>40KTK	40 CFR Part 61, Subpart FF	61FF-I	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.

Unit ID	Regulation	Index Number	Basis of Determination*
			Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRP>40KTK	40 CFR Part 61, Subpart FF	61FF-II	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRP>40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)
GRP>40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E2	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRP>40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRP>40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRP>40KTK	40 CFR Part 63, Subpart DD	63DD-E2	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = Design analysis is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Carbon adsorption system Alternative Operating Parameters = Alternative monitoring parameters are not used.

Unit ID	Regulation	Index Number	Basis of Determination*
			HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device. Regenerable Carbon Adsorber = The carbon adsorber is not regenerable. Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).
GRP>40KTK	40 CFR Part 63, Subpart DD	63DD-I	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRP>40KTK	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.

Unit ID	Regulation	Index Number	Basis of Determination*
			HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRP>40KTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.
GRP>40KTK	40 CFR Part 63, Subpart G	63G-E	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m³ and vapor pressure of liquid stored is less than 5.2 kPa Control Device Type = Carbon adsorber Regeneration = The carbon bed is not regenerated directly on site Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i).

Unit ID	Regulation	Index Number	Basis of Determination*
			95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.
GRP>40KTK	40 CFR Part 63, Subpart G	63G-I	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m3 and vapor pressure of liquid stored is less than 5.2 kPa Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
GRP>40KTK	40 CFR Part 63, Subpart G	63G-II	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m3 and vapor pressure of liquid stored is less than 5.2 kPa Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
GRP>40KTK	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 60, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	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 = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator

Unit ID	Regulation	Index Number	Basis of Determination*
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	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

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	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

Unit ID	Regulation	Index Number	Basis of Determination*
			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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPHPTK	40 CFR Part 61, Subpart FF	61FF-E2	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.
GRPHPTK	40 CFR Part 61, Subpart FF	61FF-I	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.

Unit ID	Regulation	Index Number	Basis of Determination*
			Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRPHPTK	40 CFR Part 61, Subpart FF	61FF-II	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRPHPTK	40 CFR Part 61, Subpart Y	61Y-BENZ	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)
GRPHPTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E2	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRPHPTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRPHPTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRPHPTK	40 CFR Part 63, Subpart DD	63DD-E2	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = Design analysis is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Carbon adsorption system Alternative Operating Parameters = Alternative monitoring parameters are not used.

Unit ID	Regulation	Index Number	Basis of Determination*
			HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device. Regenerable Carbon Adsorber = The carbon adsorber is not regenerable. Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).
GRPHPTK	40 CFR Part 63, Subpart DD	63DD-I	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRPHPTK	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.

Unit ID	Regulation	Index Number	Basis of Determination*
			HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRPHPTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.
GRPHPTK	40 CFR Part 63, Subpart G	63G-E	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m³ but less than 151m³ and vapor pressure of liquid stored is less than 13.1 kPa Control Device Type = Carbon adsorber Regeneration = The carbon bed is not regenerated directly on site Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i).

Unit ID	Regulation	Index Number	Basis of Determination*
			95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.
GRPHPTK	40 CFR Part 63, Subpart G	63G-I	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m³ but less than 151m³ and vapor pressure of liquid stored is less than 13.1 kPa Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
GRPHPTK	40 CFR Part 63, Subpart G	63G-II	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m³ but less than 151m³ and vapor pressure of liquid stored is less than 13.1 kPa Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
GRPHPTK	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 60, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	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 = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator

Unit ID	Regulation	Index Number	Basis of Determination*
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	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

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	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

Unit ID	Regulation	Index Number	Basis of Determination*
			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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,813 gallons but less than 39,890 gallons (capacity is greater than 75,000 liters but less than or equal to 151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-E2A	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,813 gallons but less than 39,890 gallons (capacity is greater than 75,000 liters but less than or equal to 151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-E2B	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,813 gallons but less than 39,890 gallons (capacity is greater than 75,000 liters but less than or equal to 151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-E2C	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,813 gallons but less than 39,890 gallons (capacity is greater than 75,000 liters but less than or equal to 151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-IA	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,813 gallons but less than 39,890 gallons (capacity is greater than 75,000 liters but less than or equal to 151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Vessel Description = CVS and control device other than a flare (fixed roof)
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-IB	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,813 gallons but less than 39,890 gallons (capacity is greater than 75,000 liters but less than or equal to 151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-IC	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,813 gallons but less than 39,890 gallons (capacity is greater than 75,000 liters but less than or equal to 151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-IIA	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,813 gallons but less than 39,890 gallons (capacity is greater than 75,000 liters but less than or equal to 151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-IIB	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,813 gallons but less than 39,890 gallons (capacity is greater than 75,000 liters but less than or equal to 151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-IIC	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,813 gallons but less than 39,890 gallons (capacity is greater than 75,000 liters but less than or equal to 151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)
GRPKBTK	40 CFR Part 61, Subpart FF	61FF-E2	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used.

Unit ID	Regulation	Index Number	Basis of Determination*
			Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.
GRPKBTK	40 CFR Part 61, Subpart FF	61FF-I	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRPKBTK	40 CFR Part 61, Subpart FF	61FF-II	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.

Unit ID	Regulation	Index Number	Basis of Determination*
			Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRPKBTK	40 CFR Part 61, Subpart Y	61-OTH	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)
GRPKBTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E2	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRPKBTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRPKBTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRPKBTK	40 CFR Part 63, Subpart DD	63DD-E2	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.

Unit ID	Regulation	Index Number	Basis of Determination*
			Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A pressure tank No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Carbon adsorption system Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device. Regenerable Carbon Adsorber = The carbon adsorber is not regenerable. Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).
GRPKBTK	40 CFR Part 63, Subpart DD	63DD-I	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A pressure tank

Unit ID	Regulation	Index Number	Basis of Determination*
			No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRPKBTK	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A pressure tank No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E1a	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

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E1b	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E1c	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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 = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E1a	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 vapor recovery system (VRS)

Unit ID	Regulation	Index Number	Basis of Determination*
			True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E1b	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E1c	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	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

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPMIXBTK	40 CFR Part 61, Subpart FF	61FF-E1	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance

Unit ID	Regulation	Index Number	Basis of Determination*
			Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.
GRPMIXBTK	40 CFR Part 61, Subpart FF	61FF-I	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRPMIXBTK	40 CFR Part 61, Subpart FF	61FF-II	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C

Unit ID	Regulation	Index Number	Basis of Determination*
			Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRPMIXBTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E1	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRPMIXBTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRPMIXBTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is greater than or equal to 10,000 gallons Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Control device other than a flare
GRPMIXBTK	40 CFR Part 61, Subpart Y	61Y-OTH	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)
GRPMIXBTK	40 CFR Part 63, Subpart DD	63DD-E1	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).

Unit ID	Regulation	Index Number	Basis of Determination*
			Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = Design analysis is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Carbon adsorption system Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device. Regenerable Carbon Adsorber = The carbon adsorber is not regenerable. Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).
GRPMIXBTK	40 CFR Part 63, Subpart DD	63DD-I	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device

Unit ID	Regulation	Index Number	Basis of Determination*
			Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRPMIXBTK	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.

Unit ID	Regulation	Index Number	Basis of Determination*
			Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRPMIXBTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.
GRPMIXBTK	40 CFR Part 63, Subpart G	63G-E	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m ³ and storing liquid with any vapor pressure Control Device Type = Carbon adsorber Regeneration = The carbon bed is not regenerated directly on site Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i). 95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.
GRPMIXBTK	40 CFR Part 63, Subpart G	63G-I	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m ³ and storing liquid with any vapor pressure Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
GRPMIXBTK	40 CFR Part 63, Subpart G	63G-II	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m ³ and storing liquid with any vapor pressure Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
GRPMIXBTK	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 60, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	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 1,000 gallons but less than or equal to 40,000 gallons

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	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 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator

Unit ID	Regulation	Index Number	Basis of Determination*
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	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 and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	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 and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
GRPWESTTK	40 CFR Part 61, Subpart FF	61FF-E2	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device

Unit ID	Regulation	Index Number	Basis of Determination*
			Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.
GRPWESTTK	40 CFR Part 61, Subpart FF	61FF-I	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRPWESTTK	40 CFR Part 61, Subpart FF	61FF-II	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
GRPWESTTK	40 CFR Part 61, Subpart Y	61Y-10K-	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is less than 10,000 gallons
GRPWESTTK	40 CFR Part 61, Subpart Y	61Y-OTH	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)
GRPWESTTK	40 CFR Part 63, Subpart DD	63DD-E2	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = Design analysis is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Carbon adsorption system Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device. Regenerable Carbon Adsorber = The carbon adsorber is not regenerable. Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).
GRPWESTTK	40 CFR Part 63, Subpart DD	63DD-I	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).

Unit ID	Regulation	Index Number	Basis of Determination*
			Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRPWESTTK	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).

Unit ID	Regulation	Index Number	Basis of Determination*
			Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank vented through a closed vent system to a control device Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
GRPWESTTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.
GRPWESTTK	40 CFR Part 63, Subpart G	63G-E	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m³ and storing liquid with any vapor pressure Control Device Type = Carbon adsorber Regeneration = The carbon bed is not regenerated directly on site Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i). 95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.
GRPWESTTK	40 CFR Part 63, Subpart G	63G-I	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m³ and storing liquid with any vapor pressure Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)

Unit ID	Regulation	Index Number	Basis of Determination*
GRPWESTTK	40 CFR Part 63, Subpart G	63G-II	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m³ and storing liquid with any vapor pressure Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
T-1202	40 CFR Part 61, Subpart FF	61FF-I	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.
T-1202	40 CFR Part 61, Subpart FF	61FF-II	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.
T-1202	40 CFR Part 63, Subpart DD	63DD-N	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.
T-1202	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.
T-1202	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 60, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.
T-1203	40 CFR Part 61, Subpart FF	61FF-I	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.
T-1203	40 CFR Part 61, Subpart FF	61FF-II	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.
T-1203	40 CFR Part 63, Subpart DD	63DD-N	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.
T-1203	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.

Unit ID	Regulation	Index Number	Basis of Determination*
T-1203	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 60, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.
T-1204	40 CFR Part 61, Subpart FF	61FF-I	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.
T-1204	40 CFR Part 61, Subpart FF	61FF-II	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.
T-1204	40 CFR Part 63, Subpart DD	63DD-N	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.
T-1204	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.
T-1204	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 60, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.
T-151	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 = Other than crude oil, condensate, or VOC
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator

Unit ID	Regulation	Index Number	Basis of Determination*
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	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

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	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

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
T-201	40 CFR Part 60, Subpart Kb	60Kb-T201	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
T-201	40 CFR Part 61, Subpart FF	61FF-IIa	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
T-201	40 CFR Part 61, Subpart FF	61FF-IIb	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.
T-201	40 CFR Part 61, Subpart FF	61FF-Ia	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.

Unit ID	Regulation	Index Number	Basis of Determination*
			Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
T-201	40 CFR Part 61, Subpart FF	61FF-Ib	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.
T-201	40 CFR Part 61, Subpart Y	61Y-BENZ	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles Storage Capacity = Capacity is less than 10,000 gallons
T-201	40 CFR Part 61, Subpart Y	61Y-OTH	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)
T-201	40 CFR Part 63, Subpart DD	63DD-I	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank located inside an enclosure that is vented through a closed vent system to an enclosed combustion control device. Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used.

Unit ID	Regulation	Index Number	Basis of Determination*
			HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
T-201	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator. Existing Source = The tank is part of an existing source managing off-site material. Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. Tank Type = A tank located inside an enclosure that is vented through a closed vent system to an enclosed combustion control device. Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance. No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E1a	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

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E1b	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E1c	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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 = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	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 1,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E1a	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Carbon adsorber (non-regenerative).

Unit ID	Regulation	Index Number	Basis of Determination*
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E1b	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E1c	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Carbon adsorber (non-regenerative).
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator

Unit ID	Regulation	Index Number	Basis of Determination*
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Control Device Type = Direct-flame incinerator
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Control Device Type = Direct-flame incinerator
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	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 vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Direct-flame incinerator
T-638	40 CFR Part 61, Subpart FF	61FF-E1	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device

Unit ID	Regulation	Index Number	Basis of Determination*
			Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.
T-638	40 CFR Part 61, Subpart FF	61FF-I	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
T-638	40 CFR Part 61, Subpart FF	61FF-II	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 not complying with the alternative standards in 40 CFR § 61.351. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Alternate Monitoring Parameters = Alternate monitoring parameters not requested
T-638	40 CFR Part 61, Subpart Y	61Y-BENZ	Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is less than 10,000 gallons
T-638	40 CFR Part 61, Subpart Y	61Y-OTH	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)
T-638	40 CFR Part 63, Subpart DD	63DD-E1	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is used for bulk feed of off-site material to a waste incinerator and meets all of the conditions specified in 40 CFR § 63.683(b)(2)(v)(A)-(C). No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Carbon adsorption system Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device. Regenerable Carbon Adsorber = The carbon adsorber is not regenerable. Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).
T-638	40 CFR Part 63, Subpart DD	63DD-I	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.

Unit ID	Regulation	Index Number	Basis of Determination*
			Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is used for bulk feed of off-site material to a waste incinerator and meets all of the conditions specified in 40 CFR § 63.683(b)(2)(v)(A)-(C). No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
T-638	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). Bulk Feed = The tank is used for bulk feed of off-site material to a waste incinerator and meets all of the conditions specified in 40 CFR § 63.683(b)(2)(v)(A)-(C). No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device Type = Thermal vapor incinerator Alternative Operating Parameters = Alternative monitoring parameters are not used. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. 95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.
T-638	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.

Unit ID	Regulation	Index Number	Basis of Determination*
T-638	40 CFR Part 63, Subpart G	63G-II	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m³ and storing liquid with any vapor pressure Control Device Type = Thermal vapor incinerator Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760°C provisions specified in 40 CFR § 63.139(c)(1)(iii)
T-638	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 60, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.
V-1204	40 CFR Part 61, Subpart FF	61FF-I	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.
V-1204	40 CFR Part 61, Subpart FF	61FF-II	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.
V-1204	40 CFR Part 63, Subpart DD	63DD-N	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.
V-1204	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of 40 CFR Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.
V-1204	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 60, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.
GULP-1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-HVE	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 and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia. Daily Throughput = Loading less than 20,000 gallons per day. Chapter 115 Control Device Type = Vapor control system with a carbon adsorption system.
GULP-1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-HVI	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.

Unit ID	Regulation	Index Number	Basis of Determination*
			Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia. Daily Throughput = Loading less than 20,000 gallons per day. Chapter 115 Control Device Type = Vapor control system with a direct flame incinerator.
GULP-1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-HVII	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 and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia. Daily Throughput = Loading less than 20,000 gallons per day. Chapter 115 Control Device Type = Vapor control system with a direct flame incinerator.
GULP-1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-LV	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 and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure less than 0.5 psia.
GRPBOILER	30 TAC Chapter 117, Subchapter B	R117-B1B2	Unit Type = Other industrial, commercial, or institutional boiler. Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr. Fuel Type #1 = Natural gas. NOx Emission Limitation = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. EGF System Cap Unit = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. NOx Emission Limit Average = Comply with the applicable emission limit in pounds/hour on a using block one-hour average. NOx Reductions = No NO_x reduction. NOx Monitoring System = Continuous emissions monitoring system. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO Monitoring System = Monitored by method other than CEMS or PEMS.

Unit ID	Regulation	Index Number	Basis of Determination*
FU-1	40 CFR Part 61, Subpart J	61J-NO	40 CFR 61 (NESHAP) SUBPART J DESIGN CAPACITY = SITE IS DESIGNED TO PRODUCE OR USE MORE THAN 1,000 MEGAGRAMS OF BENZENE PER YEAR ANY COMPONENT IN BENZENE SERVICE [NESHAP J] = THE FACILITY CONTAINS NO COMPONENT(S) IN BENZENE SERVICE 40 CFR 61 (NESHAP) SUBPART J ALTERNATE MEANS OF EMISSION LIMITATION (AMEL) = NOT USING ALTERNATE MEANS OF EMISSION LIMITATION.
FU-1	40 CFR Part 61, Subpart J	61J-YES	40 CFR 61 (NESHAP) SUBPART J DESIGN CAPACITY = SITE IS DESIGNED TO PRODUCE OR USE MORE THAN 1,000 MEGAGRAMS OF BENZENE PER YEAR ANY COMPONENT IN BENZENE SERVICE [NESHAP J] = THE FACILITY CONTAINS ANY COMPONENT(S) IN BENZENE SERVICE 40 CFR 61 (NESHAP) SUBPART J ALTERNATE MEANS OF EMISSION LIMITATION (AMEL) = NOT USING ALTERNATE MEANS OF EMISSION LIMITATION.
FU-1	40 CFR Part 61, Subpart V	61V-1-TRAINI	Vacuum Service = The fugitive unit does not contain components in vacuum service. VHAP Service = The fugitive unit contains components in VHAP service. Pumps = The fugitive unit contains pumps in VHAP service. AMEL = No alternate method of emission limitation is used for pumps. Complying with 40 CFR § 61.242-2 = Pumps are complying with 40 CFR § 61.242-2. Compressors = The fugitive unit contains compressors in VHAP service. AMEL = No alternate method of emission limitation is used for compressors. Complying with 40 CFR § 61.242-3 = Compressors are complying with § 61.242-3. Pressure Relief Devices in Gas/Vapor Service = The fugitive unit contains pressure relief devices in gas/vapor VHAP service. AMEL = No alternate method of emission limitation is used for pressure relief devices in gas/vapor service. Complying with 40 CFR § 61.242-4 = Pressure relief devices in gas/vapor service are complying with § 61.242-4. Pressure Relief Devices in Liquid Service = The fugitive unit contains pressure relief devices in liquid VHAP service. AMEL = No alternate method of emission limitation is used for pressure relief devices in liquid service. Complying with 40 CFR § 61.242-8 = Pressure relief devices in liquid service are complying with § 61.242-8. Sampling Connection Systems = The fugitive unit contains sampling connection systems in VHAP service. AMEL = No alternate method of emission limitation is used for sampling connection systems. Complying with 40 CFR § 61.242-5 = Sampling connection systems are complying with § 61.242-5. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines in VHAP service. AMEL = No alternate method of emission limitation is used for open-ended valves or lines. Complying with 40 CFR § 61.242-6 = Open-ended valves or lines are complying with § 61.242-6. Valves = The fugitive unit contains valves in VHAP service. AMEL = No alternate method of emission limitation is used for valves. Complying with 40 CFR § 61.242-7 = Valves are complying with § 61.242-7. Flanges and Other Connectors = The fugitive unit contains flanges and other connectors in VHAP service.

Unit ID	Regulation	Index Number	Basis of Determination*
			AMEL = No alternate method of emission limitation is used for flanges and other connectors. Complying with 40 CFR § 61.242-8 = Flanges and other connectors are complying with § 61.242-8. Product Accumulator Vessels = The fugitive unit does not contain product accumulator vessels. AMEL = No alternate method of emission limitation is used for product accumulator vessels. Complying with 40 CFR § 61.242-9 = No product accumulator vessels are complying with § 61.242-9. Vapor Recovery System = The fugitive unit does not contain vapor recovery systems in VHAP service. AMEL = No alternate method of emission limitation is used for vapor recovery systems. Complying with 40 CFR § 61.242-11(b) = No vapor recovery systems are complying with § 61.242-11(b). Enclosed Combustion Device = The fugitive unit contains enclosed combustion devices in VHAP service. AMEL = No alternate method of emission limitation is used for enclosed combustion devices. Complying with 40 CFR § 61.242-11(c) = Enclosed combustion devices are complying with § 61.242-11(c). Flare = The fugitive unit does not contain flares. AMEL = No alternate method of emission limitation is used for flares. Complying with 40 CFR § 61.242-11(d) = No flares are complying with § 61.242-11(d). AMEL (Closed-Vent Systems) = No alternate method of emission limitation is used for closed vent systems or other control devices. Complying with 40 CFR § 61.242-11(f)(1) = Closed vent systems are complying with § 61.242-11(f)(1).
FU-1	40 CFR Part 61, Subpart V	61V-1-TRAINII	Vacuum Service = The fugitive unit does not contain components in vacuum service. VHAP Service = The fugitive unit contains components in VHAP service. Pumps = The fugitive unit contains pumps in VHAP service. AMEL = No alternate method of emission limitation is used for pumps. Complying with 40 CFR § 61.242-2 = Pumps are complying with 40 CFR § 61.242-2. Compressors = The fugitive unit contains compressors in VHAP service. AMEL = No alternate method of emission limitation is used for compressors. Complying with 40 CFR § 61.242-3 = Compressors are complying with § 61.242-3. Pressure Relief Devices in Gas/Vapor Service = The fugitive unit contains pressure relief devices in gas/vapor VHAP service. AMEL = No alternate method of emission limitation is used for pressure relief devices in gas/vapor service. Complying with 40 CFR § 61.242-4 = Pressure relief devices in gas/vapor service are complying with § 61.242-4. Pressure Relief Devices in Liquid Service = The fugitive unit contains pressure relief devices in liquid VHAP service. AMEL = No alternate method of emission limitation is used for pressure relief devices in liquid service. Complying with 40 CFR § 61.242-8 = Pressure relief devices in liquid service are complying with § 61.242-8. Sampling Connection Systems = The fugitive unit contains sampling connection systems in VHAP service. AMEL = No alternate method of emission limitation is used for sampling connection systems. Complying with 40 CFR § 61.242-5 = Sampling connection systems are complying with § 61.242-5. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines in VHAP service.

Unit ID	Regulation	Index Number	Basis of Determination*
			AMEL = No alternate method of emission limitation is used for open-ended valves or lines. Complying with 40 CFR § 61.242-6 = Open-ended valves or lines are complying with § 61.242-6. Valves = The fugitive unit contains valves in VHAP service. AMEL = No alternate method of emission limitation is used for valves. Complying with 40 CFR § 61.242-7 = Valves are complying with § 61.242-7. Flanges and Other Connectors = The fugitive unit contains flanges and other connectors in VHAP service. AMEL = No alternate method of emission limitation is used for flanges and other connectors. Complying with 40 CFR § 61.242-8 = Flanges and other connectors are complying with § 61.242-8. Product Accumulator Vessels = The fugitive unit does not contain product accumulator vessels. AMEL = No alternate method of emission limitation is used for product accumulator vessels. Complying with 40 CFR § 61.242-9 = No product accumulator vessels are complying with § 61.242-9. Vapor Recovery System = The fugitive unit does not contain vapor recovery systems in VHAP service. AMEL = No alternate method of emission limitation is used for vapor recovery systems. Complying with 40 CFR § 61.242-11(b) = No vapor recovery systems are complying with § 61.242-11(b). Enclosed Combustion Device = The fugitive unit contains enclosed combustion devices in VHAP service. AMEL = No alternate method of emission limitation is used for enclosed combustion devices. Complying with 40 CFR § 61.242-11(c) = Enclosed combustion devices are complying with § 61.242-11(c). Flare = The fugitive unit does not contain flares. AMEL = No alternate method of emission limitation is used for flares. Complying with 40 CFR § 61.242-11(d) = No flares are complying with § 61.242-11(d). AMEL (Closed-Vent Systems) = No alternate method of emission limitation is used for closed vent systems or other control devices. Complying with 40 CFR § 61.242-11(f)(1) = Closed vent systems are complying with § 61.242-11(f)(1).
BULKVENT-1	30 TAC Chapter 115, Vent Gas Controls	R5121-E	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 = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg). VOC Concentration = VOC concentration is greater than or equal to 612 ppmv. Alternate Control Requirement = Alternate control is not used. Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10
BULKVENT-1	30 TAC Chapter 115, Vent Gas Controls	R5121-I	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 = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg). VOC Concentration = VOC concentration is greater than or equal to 612 ppmv. 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).
BULKVENT-1	30 TAC Chapter 115, Vent Gas Controls	R5121-II	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 = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg). VOC Concentration = VOC concentration is greater than or equal to 612 ppmv. 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).
BULKVENT-1	40 CFR Part 63, Subpart DD	63DD-E	Air Emission Controls = The average VOHAP concentration at the point of delivery for off-site materials managed in the tank has been determined to be greater than 500 ppmw or has not been determined. Inspected and Monitored = The closed-vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed-vent system has no by-pass devices. Design Analysis = Design analysis is used to demonstrate control device performance. No Detectable Organic Emissions = The closed-vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device = Carbon adsorption system Alternative Operating Parameters = Not monitoring alternative operating parameters. HAP Recovery = The carbon adsorber or condenser is designed and operated to recover greater than or equal to 95%, on a weight-basis, of the total hazardous air pollutants contained in the vent stream entering the device. Regenerable Carbon Adsorber = The carbon adsorption system is not regenerable. Comply with § 63.693(d)(4)(iii) = The nonregenerable carbon adsorber is complying with the monitoring requirements of § 63.693(d)(4)(iii).
BULKVENT-1	40 CFR Part 63, Subpart DD	63DD-I	Air Emission Controls = The average VOHAP concentration at the point of delivery for off-site materials managed in the tank has been determined to be greater than 500 ppmw or has not been determined. Inspected and Monitored = The closed-vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).

Unit ID	Regulation	Index Number	Basis of Determination*
			Bypass Device = The closed-vent system has no by-pass devices. Design Analysis = Performance testing is used to demonstrate control device performance. No Detectable Organic Emissions = The closed-vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device = Thermal vapor incinerator Alternative Operating Parameters = Not monitoring alternative operating parameters. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the HAP listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = The incinerator either complies with the temperature and residence time requirements or uses a continuous monitor that records temperature. Meets 40 CFR 63.693(f)(1)(iii) = A residence time of 0.5 seconds or longer and a temperature of 760°C or higher is maintained in the vapor incinerator combustion chamber per § 63.693(f)(1)(iii) 95% HAP Destruction = 95 % or more of the HAP in the vent stream, on a total HAP weight basis, is destroyed.
BULKVENT-1	40 CFR Part 63, Subpart DD	63DD-II	Air Emission Controls = The average VOHAP concentration at the point of delivery for off-site materials managed in the tank has been determined to be greater than 500 ppmw or has not been determined. Inspected and Monitored = The closed-vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed-vent system has no by-pass devices. Design Analysis = Performance testing is used to demonstrate control device performance. No Detectable Organic Emissions = The closed-vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device = Thermal vapor incinerator Alternative Operating Parameters = Not monitoring alternative operating parameters. HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the HAP listed in Table 1 contained in the vent stream entering the control device. Organic Monitoring Device = The incinerator either complies with the temperature and residence time requirements or uses a continuous monitor that records temperature. Meets 40 CFR 63.693(f)(1)(iii) = A residence time of 0.5 seconds or longer and a temperature of 760°C or higher is maintained in the vapor incinerator combustion chamber per § 63.693(f)(1)(iii) 95% HAP Destruction = 95 % or more of the HAP in the vent stream, on a total HAP weight basis, is destroyed.
PCBSHRED-1	30 TAC Chapter 115, Vent Gas Controls	R5127-EXP	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 = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 ppmv.

Unit ID	Regulation	Index Number	Basis of Determination*
			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.
TRSAMVENT-1	30 TAC Chapter 115, Vent Gas Controls	R5121-EXP	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 = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 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.
TRSAMVENT-1	40 CFR Part 63, Subpart DD	63DD-E	Air Emission Controls = The average VOHAP concentration at the point of delivery for off-site materials managed in the tank has been determined to be greater than 500 ppmw or has not been determined. Inspected and Monitored = The closed-vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Bypass Device = The closed-vent system has no by-pass devices. Design Analysis = Design analysis is used to demonstrate control device performance. No Detectable Organic Emissions = The closed-vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device = Carbon adsorption system Alternative Operating Parameters = Not monitoring alternative operating parameters. HAP Recovery = The carbon adsorber or condenser is designed and operated to recover greater than or equal to 95%, on a weight-basis, of the total hazardous air pollutants contained in the vent stream entering the device. Regenerable Carbon Adsorber = The carbon adsorption system is not regenerable. Comply with § 63.693(d)(4)(iii) = The nonregenerable carbon adsorber is complying with the monitoring requirements of § 63.693(d)(4)(iii).
3.6KILN	40 CFR Part 61, Subpart C	61C-1	Ambient Limit = Approval to meet the ambient limits has not been requested or has not been approved. Burning = Beryllium and/or beryllium-containing waste, except propellants, are burned in the incinerator Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13
3.6KILN	40 CFR Part 61, Subpart E	61E-1	Emission Testing Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13 Sludge Sampling = Stack sampling is conducted to determine compliance with § 61.52(b). Mercury Emissions = Mercury emissions are less than 1,600 grams per 24-hour period
4.4KILN	40 CFR Part 61, Subpart C	61C-1	Ambient Limit = Approval to meet the ambient limits has not been requested or has not been approved. Burning = Beryllium and/or beryllium-containing waste, except propellants, are burned in the incinerator

Unit ID	Regulation	Index Number	Basis of Determination*
			Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13
4.4KILN	40 CFR Part 61, Subpart E	61E-II	Emission Testing Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13 Sludge Sampling = Stack sampling is conducted to determine compliance with § 61.52(b). Mercury Emissions = Mercury emissions are less than 1,600 grams per 24-hour period
RRKILN	40 CFR Part 61, Subpart C	61C-1	Ambient Limit = Approval to meet the ambient limits has not been requested or has not been approved. Burning = Beryllium and/or beryllium-containing waste, except propellants, are burned in the incinerator Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13
RRKILN	40 CFR Part 61, Subpart E	61E-I	Emission Testing Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13 Sludge Sampling = Stack sampling is conducted to determine compliance with § 61.52(b). Mercury Emissions = Mercury emissions are less than 1,600 grams per 24-hour period
TRAINIABC	30 TAC Chapter 117, Subchapter B	R117-1	Maximum Rated Capacity = MRC is 100 MMBtu/hr or greater NOx Emission Limitation = Complying with 30 TAC § 117.310(a)(16) NOx Reduction = Post combustion control technique with ammonia injection NOx Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1) NOx Averaging Method = Complying with the applicable emission limits using a block one-hour average Fuel Flow Monitoring = Unit operates with a NO _x and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.340(a)(2)(A) or 117.440(a)(2)(A) CO Emission Limitation = Unit is subject to the CO limits of 40 CFR Part 264 or 265, Subpart O, for hazardous waste incinerators CO Monitoring System = Continuous emissions monitoring system NH3 Emission Limitation = Complying with 30 TAC § 117.310(c)(2) NH3 Monitoring = Continuous emissions monitoring system
TRAINIABC	40 CFR Part 61, Subpart C	61C-1	Ambient Limit = Approval to meet the ambient limits has not been requested or has not been approved. Burning = Beryllium and/or beryllium-containing waste, except propellants, are burned in the incinerator Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13
TRAINIABC	40 CFR Part 63, Subpart EEE	63EEEE-1	Existing Source = The incinerator is an existing source (construction or reconstruction commenced on or before April 20, 2004). Control System = The incinerator is not equipped with a waste heat boiler or a dry air pollution control system. Hg Feedrate = Feedrate levels are established as 12-hour rolling average limit for Hg. ALT Metals = Complying with the particulate matter standards. MET Feedrate = Feedrate levels are established as 12-hour rolling average limit for semi-volatile and low volatile metals. CO/THC Standard = Complying with the THC standard in § 63.1219(a)(5)(ii) or (b)(5)(ii). Baghouse = The furnace is not equipped with a baghouse.

Unit ID	Regulation	Index Number	Basis of Determination*
			Dioxin-Listed = The furnace does not burn the dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027. DRE Previous Test = Previous testing was used to document conformance with the DRE standard. Feed Zone = The source feeds waste at the normal flame zone.
TRAINIABC	30 TAC Chapter 117, Subchapter B	R117-1	Maximum Rated Capacity = MRC is 100 MMBtu/hr or greater NOx Emission Limitation = Complying with 30 TAC § 117.310(a)(16) NOx Reduction = Post combustion control technique with ammonia injection NOx Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1) NOx Averaging Method = Complying with the applicable emission limits using a block one-hour average Fuel Flow Monitoring = Unit operates with a NO_x and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.340(a)(2)(A) or 117.440(a)(2)(A) CO Emission Limitation = Unit is subject to the CO limits of 40 CFR Part 264 or 265, Subpart O, for hazardous waste incinerators CO Monitoring System = Continuous emissions monitoring system NH3 Emission Limitation = Complying with 30 TAC § 117.310(c)(2) NH3 Monitoring = Continuous emissions monitoring system
TRAINIABC	40 CFR Part 61, Subpart C	61C-1	Ambient Limit = Approval to meet the ambient limits has not been requested or has not been approved. Burning = Beryllium and/or beryllium-containing waste, except propellants, are burned in the incinerator Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13
TRAINIABC	40 CFR Part 61, Subpart E	61E-II	Emission Testing Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13 Sludge Sampling = Stack sampling is conducted to determine compliance with § 61.52(b). Mercury Emissions = Mercury emissions are less than 1,600 grams per 24-hour period
TRAINIABC	40 CFR Part 63, Subpart EEE	63EEE-1	Existing Source = The incinerator is an existing source (construction or reconstruction commenced on or before April 20, 2004). Control System = The incinerator is not equipped with a waste heat boiler or a dry air pollution control system. Hg Feedrate = Feedrate levels are established as 12-hour rolling average limit for Hg. ALT Metals = Complying with the particulate matter standards. MET Feedrate = Feedrate levels are established as 12-hour rolling average limit for semi-volatile and low volatile metals. CO/THC Standard = Complying with the THC standard in § 63.1219(a)(5)(ii) or (b)(5)(ii). Baghouse = The furnace is not equipped with a baghouse. Dioxin-Listed = The furnace does not burn the dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027. DRE Previous Test = Previous testing was used to document conformance with the DRE standard. Feed Zone = The source feeds waste at the normal flame zone.

Unit ID	Regulation	Index Number	Basis of Determination*
F-2-3	40 CFR Part 61, Subpart M	61M-COVER	Waste Disposal Site = Active waste disposal site for manufacturing, fabricating, demolition, renovation, and spraying operations, an asbestos mill, or operations that convert asbestos-containing waste material into nonasbestos (asbestos-free) material. Alternate Control Method = The facility is not using an EPA approved alternative control method or no such alternate has been requested. Emissions Compliance = Asbestos containing waste covered with at least 15 centimeters (6 inches) of compacted nonasbestos containing material.
F-2-3	40 CFR Part 61, Subpart M	61M-RESIN	Waste Disposal Site = Active waste disposal site for manufacturing, fabricating, demolition, renovation, and spraying operations, an asbestos mill, or operations that convert asbestos-containing waste material into nonasbestos (asbestos-free) material. Alternate Control Method = The facility is not using an EPA approved alternative control method or no such alternate has been requested. Emissions Compliance = A resinous or petroleum-based dust suppression agent that effectively binds dust and controls wind erosion.
3.6KILN	40 CFR Part 61, Subpart E	61E-1	Emission Test Waiver = A waiver of emission testing was not obtained under 40 CFR § 61.13. Sludge Sampling = Stack sampling is conducted. Mercury Emissions = Mercury emissions exceed 1,600 grams per 24-hour period.
4.4KILN	40 CFR Part 61, Subpart E	61E-1	Emission Test Waiver = A waiver of emission testing was not obtained under 40 CFR § 61.13. Sludge Sampling = Stack sampling is conducted. Mercury Emissions = Mercury emissions exceed 1,600 grams per 24-hour period.
RRKILN	40 CFR Part 61, Subpart E	61E-1	Emission Test Waiver = A waiver of emission testing was not obtained under 40 CFR § 61.13. Sludge Sampling = Stack sampling is conducted. Mercury Emissions = Mercury emissions exceed 1,600 grams per 24-hour period.
TS-3.6BULK	40 CFR Part 63, Subpart DD	63DD-I	Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is complying with 40 CFR Part 63, Subpart DD. HAP < 1 Mg per Year = The transfer system is not selected for exemption or does not qualify for exemption under the total annual quantity of HAP (<1 Mg/year) exemption of § 63.683(b)(2)(ii). Numerical Concentration Limits = The transfer system is not exempt under the numerical concentration limits of 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = The organic hazardous constituents are treated according to 40 CFR Part 63, Subpart DD. Air Emission Controls = The volatile organic hazardous air pollutant concentration has not been determined to be less than 500 ppmw and air emissions are controlled in accordance with the standards in 40 CFR § 63.689. Covers Used = The transfer system uses covers in accordance to 40 CFR § 63.689(d) to control air emissions. Continuous Hard Piping = The transfer system is enclosed and vented to a control device. Bypass Device = The closed vent system routing to the control device does not include bypass devices that could be used to divert the gas or vapor stream to the atmosphere before entering the control device.

Unit ID	Regulation	Index Number	Basis of Determination*
			No Detectable Organic Emissions = The stream is conveyed by a closed-vent system that is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device = Thermal vapor incinerator. Design Analysis = Control device design analysis is used to demonstrate control device performance. Alternate Operating Parameters = Alternate operating parameters are not requested or have not been approved by the EPA Administrator. HAP Destruction = The vapor incinerator, boiler or process heater is designed and operated to destroy the HAPs listed in Table 1 contained in the vent stream entering the device. Organic Monitoring Device = A continuous monitoring system that measures the concentration level of organic compounds in the exhaust vent stream from the control device is using an organic monitoring device equipped with a continuous recorder. 95% HAP Destruction = The combustion device is designed and operated to destroy HAP by greater than or equal to 95 percent on a total weight basis.
TS-3.6BULK	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is complying with 40 CFR Part 63, Subpart DD. HAP < 1 Mg per Year = The transfer system is not selected for exemption or does not qualify for exemption under the total annual quantity of HAP (<1 Mg/year) exemption of § 63.683(b)(2)(ii). Numerical Concentration Limits = The transfer system is not exempt under the numerical concentration limits of 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = The organic hazardous constituents are treated according to 40 CFR Part 63, Subpart DD. Air Emission Controls = The volatile organic hazardous air pollutant concentration has not been determined to be less than 500 ppmw and air emissions are controlled in accordance with the standards in 40 CFR § 63.689. Covers Used = The transfer system uses covers in accordance to 40 CFR § 63.689(d) to control air emissions. Continuous Hard Piping = The transfer system is enclosed and vented to a control device. Bypass Device = The closed vent system routing to the control device does not include bypass devices that could be used to divert the gas or vapor stream to the atmosphere before entering the control device. No Detectable Organic Emissions = The stream is conveyed by a closed-vent system that is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device = Thermal vapor incinerator. Design Analysis = Control device design analysis is used to demonstrate control device performance. Alternate Operating Parameters = Alternate operating parameters are not requested or have not been approved by the EPA Administrator. HAP Destruction = The vapor incinerator, boiler or process heater is designed and operated to destroy the HAPs listed in Table 1 contained in the vent stream entering the device. Organic Monitoring Device = A continuous monitoring system that measures the concentration level of organic compounds in the exhaust vent stream from the control device is using an organic monitoring device equipped with a continuous recorder. 95% HAP Destruction = The combustion device is designed and operated to destroy HAP by greater than or equal to 95 percent on a total weight basis.

Unit ID	Regulation	Index Number	Basis of Determination*
TS-MIXBLDG	40 CFR Part 63, Subpart DD	63DD-E	Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is complying with 40 CFR Part 63, Subpart DD. HAP < 1 Mg per Year = The transfer system is not selected for exemption or does not qualify for exemption under the total annual quantity of HAP (<1 Mg/year) exemption of § 63.683(b)(2)(ii). Numerical Concentration Limits = The transfer system is not exempt under the numerical concentration limits of 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = The organic hazardous constituents are treated according to 40 CFR Part 63, Subpart DD. Air Emission Controls = The volatile organic hazardous air pollutant concentration has not been determined to be less than 500 ppmw and air emissions are controlled in accordance with the standards in 40 CFR § 63.689. Covers Used = The transfer system uses covers in accordance to 40 CFR § 63.689(d) to control air emissions. No Detectable Organic Emissions = The stream is conveyed by a closed-vent system that is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device = Carbon adsorber. Design Analysis = Control device design analysis is used to demonstrate control device performance. Alternate Operating Parameters = Alternate operating parameters are not requested or have not been approved by the EPA Administrator. HAP Recovery = The carbon adsorber or condenser is designed and operated to recover greater than or equal to 95 percent, on a weight-basis, of the total HAPs listed in Table 1 contained in the vent stream entering the device. Regenerable Carbon Adsorber = The carbon absorption system is nonregenerable. Complying with § 63.693(d)(4)(iii) = Complying with the carbon replacement criteria of § 63.693(d)(4)(iii).
TS-MIXBLDG	40 CFR Part 63, Subpart DD	63DD-I	Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is complying with 40 CFR Part 63, Subpart DD. HAP < 1 Mg per Year = The transfer system is not selected for exemption or does not qualify for exemption under the total annual quantity of HAP (<1 Mg/year) exemption of § 63.683(b)(2)(ii). Numerical Concentration Limits = The transfer system is not exempt under the numerical concentration limits of 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = The organic hazardous constituents are treated according to 40 CFR Part 63, Subpart DD. Air Emission Controls = The volatile organic hazardous air pollutant concentration has not been determined to be less than 500 ppmw and air emissions are controlled in accordance with the standards in 40 CFR § 63.689. Covers Used = The transfer system uses covers in accordance to 40 CFR § 63.689(d) to control air emissions. No Detectable Organic Emissions = The stream is conveyed by a closed-vent system that is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device = Thermal vapor incinerator. Design Analysis = Control device design analysis is used to demonstrate control device performance. Alternate Operating Parameters = Alternate operating parameters are not requested or have not been approved by the EPA Administrator. HAP Destruction = The vapor incinerator, boiler or process heater is designed and operated to destroy the HAPs listed in Table 1 contained in the vent stream entering the device.

Unit ID	Regulation	Index Number	Basis of Determination*
			Organic Monitoring Device = A continuous monitoring system that measures the concentration level of organic compounds in the exhaust vent stream from the control device is using an organic monitoring device equipped with a continuous recorder. 95% HAP Destruction = The combustion device is designed and operated to destroy HAP by greater than or equal to 95 percent on a total weight basis.
TS-MIXBLDG	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is complying with 40 CFR Part 63, Subpart DD. HAP < 1 Mg per Year = The transfer system is not selected for exemption or does not qualify for exemption under the total annual quantity of HAP (<1 Mg/year) exemption of § 63.683(b)(2)(ii). Numerical Concentration Limits = The transfer system is not exempt under the numerical concentration limits of 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = The organic hazardous constituents are treated according to 40 CFR Part 63, Subpart DD. Air Emission Controls = The volatile organic hazardous air pollutant concentration has not been determined to be less than 500 ppmw and air emissions are controlled in accordance with the standards in 40 CFR § 63.689. Covers Used = The transfer system uses covers in accordance to 40 CFR § 63.689(d) to control air emissions. No Detectable Organic Emissions = The stream is conveyed by a closed-vent system that is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Control Device = Thermal vapor incinerator. Design Analysis = Control device design analysis is used to demonstrate control device performance. Alternate Operating Parameters = Alternate operating parameters are not requested or have not been approved by the EPA Administrator. HAP Destruction = The vapor incinerator, boiler or process heater is designed and operated to destroy the HAPs listed in Table 1 contained in the vent stream entering the device. Organic Monitoring Device = A continuous monitoring system that measures the concentration level of organic compounds in the exhaust vent stream from the control device is using an organic monitoring device equipped with a continuous recorder. 95% HAP Destruction = The combustion device is designed and operated to destroy HAP by greater than or equal to 95 percent on a total weight basis.
TS-PIPE	40 CFR Part 63, Subpart DD	63DD	Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is complying with 40 CFR Part 63, Subpart DD. HAP < 1 Mg per Year = The transfer system is not selected for exemption or does not qualify for exemption under the total annual quantity of HAP (<1 Mg/year) exemption of § 63.683(b)(2)(ii). Numerical Concentration Limits = The transfer system is not exempt under the numerical concentration limits of 40 CFR Part 268, Land Disposal Restrictions. Treated Organic Hazardous Constituents = The organic hazardous constituents are treated according to 40 CFR Part 63, Subpart DD. Air Emission Controls = The volatile organic hazardous air pollutant concentration has not been determined to be less than 500 ppmw and air emissions are controlled in accordance with the standards in 40 CFR § 63.689. Covers Used = The transfer system does not use covers in accordance to 40 CFR § 63.689(d) to control air emissions. Continuous Hard Piping = The transfer system consists of continuous hard piping.

Unit ID	Regulation	Index Number	Basis of Determination*
TS-RRKILN	40 CFR Part 63, Subpart DD	63DD-II	Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is also subject to another subpart under 40 CFR Part 61 or Part 63, and the hazardous air pollutants listed in Table 1 of 40 CFR Part 63, Subpart DD are controlled pursuant to compliance with the other subpart.
PRO3.6KILN	40 CFR Part 61, Subpart FF	61FF-3.6	AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used. Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e). Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system. Benzene Removal = Benzene is destroyed in the waste stream by incinerating in an combustion unit with a destruction efficiency of 99% or greater for benzene. Process Or Stream Exemption = The treatment process or waste stream is complying with 40 CFR §61.348(d). Openings = The treatment process or wastewater treatment system unit has openings. Less Than Atmospheric = A cover and closed-vent system are operated such that the treatment process or wastewater system unit is maintained at less than atmospheric pressure and complying with 40 CFR § 61.348(e)(3)(i) - (iii). Closed-Vent System and Control Device = A closed-vent system and control device is not used. AMOC = No alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.349 for a closed-vent system and control device is used.
PRO4.4KILN	40 CFR Part 61, Subpart FF	61FF-4.4	AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used. Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e). Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system. Benzene Removal = Benzene is destroyed in the waste stream by incinerating in an combustion unit with a destruction efficiency of 99% or greater for benzene. Process Or Stream Exemption = The treatment process or waste stream is complying with 40 CFR §61.348(d). Openings = The treatment process or wastewater treatment system unit has openings. Less Than Atmospheric = A cover and closed-vent system are operated such that the treatment process or wastewater system unit is maintained at less than atmospheric pressure and complying with 40 CFR § 61.348(e)(3)(i) - (iii). Closed-Vent System and Control Device = A closed-vent system and control device is not used. AMOC = No alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.349 for a closed-vent system and control device is used.
PRORRKILN	40 CFR Part 61, Subpart FF	61FF-RR	AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used. Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e). Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system. Benzene Removal = Benzene is destroyed in the waste stream by incinerating in an combustion unit with a destruction efficiency of 99% or greater for benzene. Process Or Stream Exemption = The treatment process or waste stream is complying with 40 CFR §61.348(d).

Unit ID	Regulation	Index Number	Basis of Determination*
			Openings = The treatment process or wastewater treatment system unit has openings. Less Than Atmospheric = A cover and closed-vent system are operated such that the treatment process or wastewater system unit is maintained at less than atmospheric pressure and complying with 40 CFR § 61.348(e)(3)(i) - (iii). Closed-Vent System and Control Device = A closed-vent system and control device is not used. AMOC = No alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.349 for a closed-vent system and control device is used.
PROTRAINI	40 CFR Part 61, Subpart FF	61FF-I	AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used. Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e). Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system. Benzene Removal = Benzene is destroyed in the waste stream by incinerating in an combustion unit with a destruction efficiency of 99% or greater for benzene. Process Or Stream Exemption = The treatment process or waste stream is complying with 40 CFR §61.348(d). Openings = The treatment process or wastewater treatment system unit has openings. Less Than Atmospheric = A cover and closed-vent system are operated such that the treatment process or wastewater system unit is maintained at ambient atmospheric pressure. Closed-Vent System and Control Device = A closed-vent system and control device is used. AMOC = No alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.349 for a closed-vent system and control device is used. By-Pass Line = The closed-vent system does not contain a by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760 degrees C. Engineering Calculations = Performance tests are used show that the control device achieves its emission limitation.
PROTRAINI	40 CFR Part 63, Subpart DD	63DD-I	Removal or Destruction Method = Incinerator.
PROTRAINI	40 CFR Part 63, Subpart G	63G-I	Series of Processes = The wastewater stream is treated using a single treatment process. Biological Treatment Process = Non-biological treatment process. Wastewater Stream Designation = Determined Group1 for both Table 8 and Table 9 Wastewater Stream Treatment = Resource Conservation and Recovery Act (RCRA) unit option.
PROTRAINII	40 CFR Part 61, Subpart FF	61FF-II	AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used. Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e). Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system. Benzene Removal = Benzene is destroyed in the waste stream by incinerating in an combustion unit with a destruction efficiency of 99% or greater for benzene.

Unit ID	Regulation	Index Number	Basis of Determination*
			Process Or Stream Exemption = The treatment process or waste stream is complying with 40 CFR §61.348(d). Openings = The treatment process or wastewater treatment system unit has openings. Less Than Atmospheric = A cover and closed-vent system are operated such that the treatment process or wastewater system unit is maintained at ambient atmospheric pressure. Closed-Vent System and Control Device = A closed-vent system and control device is used. AMOC = No alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.349 for a closed-vent system and control device is used. By-Pass Line = The closed-vent system does not contain a by-pass line that could divert the vent stream away from the control device. Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760 degrees C. Engineering Calculations = Performance tests are used show that the control device achieves its emission limitation.
PROTRAINII	40 CFR Part 63, Subpart DD	63DD-II	Removal or Destruction Method = Incinerator.
PROTRAINII	40 CFR Part 63, Subpart G	63G-II	Series of Processes = The wastewater stream is treated using a single treatment process. Biological Treatment Process = Non-biological treatment process. Wastewater Stream Designation = Determined Group1 for both Table 8 and Table 9 Wastewater Stream Treatment = Resource Conservation and Recovery Act (RCRA) unit option.

* - 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

Nonattainment (NA) Permits	
NA Permit No.: N001	Issuance Date: 06/20/2025
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.: 5064	Issuance Date: 06/20/2025
Permits by Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 12/24/1998
Number: 106.262	Version No./Date: 11/01/2001
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.475	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 8	Version No./Date: 09/12/1989
Number: 61	Version No./Date: 08/30/1988
Number: 78	Version No./Date: 11/05/1986
Number: 91	Version No./Date: 06/07/1996
Number: 121	Version No./Date: 08/30/1988

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 22. 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

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.: BULKVENT-1	
Control Device ID No.: E-2	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-E
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
Basis of monitoring: A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRP<20KTK	
Control Device ID No.: E-2	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-E2
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
Basis of monitoring: A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRP<20KTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-I
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRP<20KTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-II
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRP<25KTK	
Control Device ID No.: E-2	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-E2
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
Basis of monitoring: A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRP<25KTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-I
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRP<25KTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-II
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRP<40KTK	
Control Device ID No.: E-2	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-E2
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
Basis of monitoring: A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRP<40KTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-I
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRP<40KTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-II
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRP>40KTK	
Control Device ID No.: E-2	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-E2
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
Basis of monitoring: A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRP>40KTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-I
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRP>40KTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-II
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRPBOILER	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R117-B1B2
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Any monitoring data above 400 ppmv shall be considered and reported as a deviation.	
Basis of monitoring: It is widely practiced and accepted to calibrate and use a portable analyzer to measure CO concentration with procedures such as EPA Test Method 10 or a CO 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. In addition, if the CO concentration is too high it shows that a control device such as a catalytic converter is not functioning properly or an emission unit is not obtaining complete combustion.	

Unit/Group/Process Information	
ID No.: GRPHPTK	
Control Device ID No.: E-2	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-E2
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
Basis of monitoring: A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRPHPTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-I
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRPHPTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-II
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-E2B
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or if VOC concentration > 500 ppmv above background.	
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.: GRPKBTK	
Control Device ID No.: E-2	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-E2B
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
Basis of monitoring: A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-E2B
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.	

Unit/Group/Process Information	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-E2C
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or if VOC concentration > 500 ppmv above background.	
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.: GRPKBTK	
Control Device ID No.: E-2	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-E2C
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
Basis of monitoring: A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-E2C
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.	

Unit/Group/Process Information	
ID No.: GRPKBTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IB
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IB
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or if VOC concentration > 500 ppmv above background.	
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.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IB
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.	

Unit/Group/Process Information	
ID No.: GRPKBTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IC
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IC
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or if VOC concentration > 500 ppmv above background.	
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.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IC
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.	

Unit/Group/Process Information	
ID No.: GRPKBTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IIB
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IIB
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or if VOC concentration > 500 ppmv above background.	
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.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IIB
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.	

Unit/Group/Process Information	
ID No.: GRPKBTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IIC
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IIC
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or if VOC concentration > 500 ppmv above background.	
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.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IIC
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.	

Unit/Group/Process Information	
ID No.: GRPKBTK	
Control Device ID No.: E-2	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-E2
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
Basis of monitoring: A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRPKBTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-I
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRPKBTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-II
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRPMIXBTK	
Control Device ID No.: E-1	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-E1
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
Basis of monitoring: A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRPMIXBTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-I
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.: GRPMIXBTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-BENZ-II
Pollutant: Benzene	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. 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.	

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 26, 2026.

Site rating: 9.39 / Satisfactory Company rating: 9.39 / 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