

Statement of Basis of the Federal Operating Permit

NuStar Terminals Partners TX L.P.

Site Name: Texas City Terminal 1
Physical Location: 201 Dock Road
Nearest City: Texas City
County: Galveston

Permit Number: O983
Project Type: Renewal

Standard Industrial Classification (SIC) Code: 4226
SIC Name: Special Warehousing and Storage

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: December 7, 2015

Operating Permit Basis of Determination

Permit Area Process Description

The NuStar Terminal 1 is located in Texas City and operates a facility that stores and handles petrochemical products. This for-hire bulk liquid warehouse handles product for customers for a fee. The services provided includes storage in tanks and loading/unloading into marine vessels, railcars and tank trucks. The processes at the site consist of loading/unloading and storage of product. Emissions are controlled by floating roofs, flares, vapor recovery and carbon adsorption.

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
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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

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 a 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 are 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.

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 before or 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 Requirement 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.A.(iv) 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)	No
Minor NSR	Yes
40 CFR Part 60 - New Source Performance Standards	Yes
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)	Yes
40 CFR Part 63 - NESHAPs for Source Categories	Yes
Title IV (Acid Rain) of the Clean Air Act (CAA)	No
Title V (Federal Operating Permits) of the CAA	Yes
Title VI (Stratospheric Ozone Protection) of the CAA	No
CAIR (Clean Air Interstate Rule)	No

Basis for Applying Permit Shields

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

Insignificant Activities

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:

1. Office activities such as photocopying, blueprint copying, and photographic processes.
2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
4. Outdoor barbecue pits, campfires, and fireplaces.
5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.
6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
7. 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.
8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
9. Vehicle exhaust from maintenance or repair shops.
10. 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).
11. 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.
12. 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.
13. 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.
14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
15. Well cellars.
16. 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.
17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.
18. Equipment used exclusively for the melting or application of wax.
19. 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.
20. Shell core and shell mold manufacturing machines.
21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

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 *
GRPTKIFR2	30 TAC Chapter 115, Storage of VOCs	R115-0001	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR2	30 TAC Chapter 115, Storage of VOCs	R115-0002	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR2	30 TAC Chapter 115, Storage of VOCs	R115-0003	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR2	30 TAC Chapter 115, Storage of VOCs	R115-0004	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR2	30 TAC Chapter 115, Storage of VOCs	R115-0005	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKIFR2	30 TAC Chapter 115, Storage of VOCs	R115-0006	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR2	30 TAC Chapter 115, Storage of VOCs	R115-0007	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRPTKIFR2	40 CFR Part 60, Subpart Ka	60KA-0001	<p>Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is less than 1.5 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating-type cover</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
GRPTKIFR2	40 CFR Part 60, Subpart Ka	60KA-0002	<p>Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating-type cover</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
GRPTKIFR2	40 CFR Part 60, Subpart Ka	60KA-0003	<p>Product Stored = Stored product other than a petroleum liquid</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p>
GRPTKIFR2	40 CFR Part 60, Subpart Ka	60KA-0007	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is less than 1.5 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating-type cover</p> <p>Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p> <p>Estimated True Vapor Pressure = Estimated true vapor pressure is less than or equal to 1.0 psia</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKIFR2	40 CFR Part 60, Subpart Ka	60KA-0008	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is less than 1.5 psia Storage Vessel Description = Fixed roof with an internal floating-type cover Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized Estimated True Vapor Pressure = Estimated true vapor pressure is greater than 1.0 psia
GRPTKIFR2	40 CFR Part 60, Subpart Ka	60KA-0009	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is less than 1.5 psia Storage Vessel Description = Fixed roof with an internal floating-type cover Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRPTKIFR2	40 CFR Part 60, Subpart Ka	60KA-0010	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Fixed roof with an internal floating-type cover Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRPTKIFR2	40 CFR Part 60, Subpart Ka	60KA-0011	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Fixed roof with an internal floating-type cover Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized Estimated True Vapor Pressure = Estimated true vapor pressure is less than or equal to 1.0 psia
GRPTKIFR2	40 CFR Part 60, Subpart Ka	60KA-0012	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Fixed roof with an internal floating-type cover Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized Estimated True Vapor Pressure = Estimated true vapor pressure is greater than 1.0 psia

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKIFR2	40 CFR Part 61, Subpart Y	61Y-0017	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb and the provisions of 40 CFR Part 61, Subpart Y are more stringent</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Fixed roof with an internal floating roof using two seals mounted one above the other, where the lower seal can be vapor-mounted, but both continuous</p>
GRPTKIFR2	40 CFR Part 61, Subpart Y	61Y-0018	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Fixed roof with an internal floating roof using two seals mounted one above the other, where the lower seal can be vapor-mounted, but both continuous</p>
GRPTKIFR2	40 CFR Part 61, Subpart Y	61Y-0019	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb and the provisions of 40 CFR Part 61, Subpart Y are more stringent</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Fixed roof with an internal floating roof using a metallic shoe seal</p>
GRPTKIFR2	40 CFR Part 61, Subpart Y	61Y-0020	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Fixed roof with an internal floating roof using a metallic shoe seal</p>
GRPTKIFR2	40 CFR Part 61, Subpart Y	61Y-0021	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb, and the provisions of 40 CFR Part 61, Subpart Y are not more stringent</p>
GRPTKIFR2	40 CFR Part 61, Subpart Y	61Y-0022	<p>Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKIFR3	30 TAC Chapter 115, Storage of VOCs	R115-0008	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR3	30 TAC Chapter 115, Storage of VOCs	R115-0009	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR3	30 TAC Chapter 115, Storage of VOCs	R115-0010	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR3	30 TAC Chapter 115, Storage of VOCs	R115-0011	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR3	30 TAC Chapter 115, Storage of VOCs	R115-0012	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKIFR3	30 TAC Chapter 115, Storage of VOCs	R115-0013	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR3	30 TAC Chapter 115, Storage of VOCs	R115-0014	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRPTKIFR3	40 CFR Part 60, Subpart Kb	60KB-0001	<p>Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
GRPTKIFR3	40 CFR Part 60, Subpart Kb	60KB-0002	<p>Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>
GRPTKIFR3	40 CFR Part 60, Subpart Kb	60KB-0003	<p>Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>
GRPTKIFR3	40 CFR Part 60, Subpart Kb	60KB-0004	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
GRPTKIFR3	40 CFR Part 60, Subpart Kb	60KB-0005	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>
GRPTKIFR3	40 CFR Part 60, Subpart Kb	60KB-0006	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKIFR3	40 CFR Part 60, Subpart Kb	60KB-0007	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
GRPTKIFR3	40 CFR Part 60, Subpart Kb	60KB-0008	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRPTKIFR3	40 CFR Part 60, Subpart Kb	60KB-0009	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia
GRPTKIFR3	40 CFR Part 60, Subpart Kb	60KB-0010	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRPTKIFR3	40 CFR Part 60, Subpart Kb	60KB-0011	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia
GRPTKIFR3	40 CFR Part 60, Subpart Kb	60KB-0012	Product Stored = Stored product other than volatile organic liquid or petroleum liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)
GRPTKIFR3	40 CFR Part 61, Subpart Y	61Y-0023	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 subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb and the provisions of 40 CFR Part 61, Subpart Y are more stringent Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Fixed roof with an internal floating roof using two seals mounted one above the other, where the lower seal can be vapor-mounted, but both continuous

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKIFR3	40 CFR Part 61, Subpart Y	61Y-0024	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Fixed roof with an internal floating roof using two seals mounted one above the other, where the lower seal can be vapor-mounted, but both continuous</p>
GRPTKIFR3	40 CFR Part 61, Subpart Y	61Y-0025	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb and the provisions of 40 CFR Part 61, Subpart Y are more stringent</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Fixed roof with an internal floating roof using a metallic shoe seal</p>
GRPTKIFR3	40 CFR Part 61, Subpart Y	61Y-0026	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Fixed roof with an internal floating roof using a metallic shoe seal</p>
GRPTKIFR3	40 CFR Part 61, Subpart Y	61Y-0027	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb, and the provisions of 40 CFR Part 61, Subpart Y are not more stringent</p>
GRPTKIFR3	40 CFR Part 61, Subpart Y	61Y-0028	<p>Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)</p>
GRPTKIFR4	30 TAC Chapter 115, Storage of VOCs	R115-0015	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKIFR4	30 TAC Chapter 115, Storage of VOCs	R115-0016	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR4	30 TAC Chapter 115, Storage of VOCs	R115-0017	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR4	30 TAC Chapter 115, Storage of VOCs	R115-0018	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR4	30 TAC Chapter 115, Storage of VOCs	R115-0019	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR4	30 TAC Chapter 115, Storage of VOCs	R115-0020	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKIFR4	30 TAC Chapter 115, Storage of VOCs	R115-0021	Today's Date = Today's date is March 1, 2013 or later. 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
GRPTKIFR4	40 CFR Part 60, Subpart Kb	60KB-0013	Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
GRPTKIFR4	40 CFR Part 60, Subpart Kb	60KB-0014	Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure
GRPTKIFR4	40 CFR Part 60, Subpart Kb	60KB-0015	Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure
GRPTKIFR4	40 CFR Part 60, Subpart Kb	60KB-0016	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
GRPTKIFR4	40 CFR Part 60, Subpart Kb	60KB-0017	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure
GRPTKIFR4	40 CFR Part 60, Subpart Kb	60KB-0018	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure
GRPTKIFR4	40 CFR Part 60, Subpart Kb	60KB-0019	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKIFR4	40 CFR Part 60, Subpart Kb	60KB-0020	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia
GRPTKIFR4	40 CFR Part 60, Subpart Kb	60KB-0021	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRPTKIFR4	40 CFR Part 60, Subpart Kb	60KB-0022	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRPTKIFR4	40 CFR Part 60, Subpart Kb	60KB-0023	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia
GRPTKIFR4	40 CFR Part 60, Subpart Kb	60KB-0024	Product Stored = Stored product other than volatile organic liquid or petroleum liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)
GRPTKIFR4	40 CFR Part 61, Subpart Y	61Y-0029	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 subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb and the provisions of 40 CFR Part 61, Subpart Y are more stringent Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Fixed roof with an internal floating roof using two seals mounted one above the other, where the lower seal can be vapor-mounted, but both continuous

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKIFR4	40 CFR Part 61, Subpart Y	61Y-0030	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Fixed roof with an internal floating roof using two seals mounted one above the other, where the lower seal can be vapor-mounted, but both continuous</p>
GRPTKIFR4	40 CFR Part 61, Subpart Y	61Y-0031	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb and the provisions of 40 CFR Part 61, Subpart Y are more stringent</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Fixed roof with an internal floating roof using a metallic shoe seal</p>
GRPTKIFR4	40 CFR Part 61, Subpart Y	61Y-0032	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Fixed roof with an internal floating roof using a metallic shoe seal</p>
GRPTKIFR4	40 CFR Part 61, Subpart Y	61Y-0033	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb, and the provisions of 40 CFR Part 61, Subpart Y are not more stringent</p>
GRPTKIFR4	40 CFR Part 61, Subpart Y	61Y-0034	<p>Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)</p>
GRPTKIFR6	30 TAC Chapter 115, Storage of VOCs	R115-0022	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKIFR6	30 TAC Chapter 115, Storage of VOCs	R115-0023	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR6	30 TAC Chapter 115, Storage of VOCs	R115-0024	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR6	30 TAC Chapter 115, Storage of VOCs	R115-0025	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR6	30 TAC Chapter 115, Storage of VOCs	R115-0026	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKIFR6	30 TAC Chapter 115, Storage of VOCs	R115-0027	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKIFR6	30 TAC Chapter 115, Storage of VOCs	R115-0028	Today's Date = Today's date is March 1, 2013 or later. 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
GRPTKIFR6	40 CFR Part 60, Subpart K	60K-0021	Construction/Modification Date = On or before June 11, 1973
GRPTKIFR6	40 CFR Part 61, Subpart Y	61Y-0035	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 subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb and the provisions of 40 CFR Part 61, Subpart Y are more stringent Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Fixed roof with an internal floating roof using two seals mounted one above the other, where the lower seal can be vapor-mounted, but both continuous
GRPTKIFR6	40 CFR Part 61, Subpart Y	61Y-0036	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 = Fixed roof with an internal floating roof using two seals mounted one above the other, where the lower seal can be vapor-mounted, but both continuous
GRPTKIFR6	40 CFR Part 61, Subpart Y	61Y-0037	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 subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb and the provisions of 40 CFR Part 61, Subpart Y are more stringent Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Fixed roof with an internal floating roof using a metallic shoe seal
GRPTKIFR6	40 CFR Part 61, Subpart Y	61Y-0038	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 = Fixed roof with an internal floating roof using a metallic shoe seal
GRPTKIFR6	40 CFR Part 61, Subpart Y	61Y-0039	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 subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb, and the provisions of 40 CFR Part 61, Subpart Y are not more stringent

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKIFR6	40 CFR Part 61, Subpart Y	61Y-0040	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)
GRPTKVFR1	30 TAC Chapter 115, Storage of VOCs	R115-0029	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR1	30 TAC Chapter 115, Storage of VOCs	R115-0030	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR1	30 TAC Chapter 115, Storage of VOCs	R115-0031	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Flare</p>
GRPTKVFR1	30 TAC Chapter 115, Storage of VOCs	R115-0032	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Carbon adsorption system</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKVFR1	30 TAC Chapter 115, Storage of VOCs	R115-0033	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Other vapor recovery unit</p>
GRPTKVFR1	30 TAC Chapter 115, Storage of VOCs	R115-0035	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR1	30 TAC Chapter 115, Storage of VOCs	R115-0036	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR1	30 TAC Chapter 115, Storage of VOCs	R115-0037	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Flare</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKVFR1	30 TAC Chapter 115, Storage of VOCs	R115-0038	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Carbon adsorption system</p>
GRPTKVFR1	30 TAC Chapter 115, Storage of VOCs	R115-0039	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Other vapor recovery unit</p>
GRPTKVFR1	30 TAC Chapter 115, Storage of VOCs	R115-0041	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRPTKVFR1	40 CFR Part 60, Subpart K	60K-0004	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Petroleum (other than crude oil) or condensate</p> <p>True Vapor Pressure = True vapor pressure is less than 1.5 psia</p> <p>Storage Vessel Description = Emission controls not required</p> <p>Reid Vapor Pressure = Reid vapor pressure not determined</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined</p>
GRPTKVFR1	40 CFR Part 60, Subpart K	60K-0005	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Petroleum (other than crude oil) or condensate</p> <p>True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia</p> <p>Storage Vessel Description = Vapor recovery and return or disposal system (fixed roof)</p> <p>Reid Vapor Pressure = Reid vapor pressure not determined</p>
GRPTKVFR1	40 CFR Part 60, Subpart K	60K-0006	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKVFR1	40 CFR Part 60, Subpart K	60K-0013	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Crude oil</p> <p>True Vapor Pressure = True vapor pressure is less than 1.5 psia</p> <p>Storage Vessel Description = Emission controls not required</p> <p>Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined</p> <p>Estimated True Vapor Pressure = Estimated true vapor pressure is 1.0 psia or less</p>
GRPTKVFR1	40 CFR Part 60, Subpart K	60K-0014	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Crude oil</p> <p>True Vapor Pressure = True vapor pressure is less than 1.5 psia</p> <p>Storage Vessel Description = Emission controls not required</p> <p>Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined</p> <p>Estimated True Vapor Pressure = Estimated true vapor pressure is greater than 1.0 psia</p>
GRPTKVFR1	40 CFR Part 60, Subpart K	60K-0015	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Crude oil</p> <p>True Vapor Pressure = True vapor pressure is less than 1.5 psia</p> <p>Storage Vessel Description = Emission controls not required</p> <p>Reid Vapor Pressure = Reid vapor pressure is at least 2.0 psia</p>
GRPTKVFR1	40 CFR Part 60, Subpart K	60K-0016	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Crude oil</p> <p>True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia</p> <p>Storage Vessel Description = Vapor recovery and return or disposal system (fixed roof)</p> <p>Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined</p> <p>Estimated True Vapor Pressure = Estimated true vapor pressure is greater than 1.0 psia</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKVFR1	40 CFR Part 60, Subpart K	60K-0017	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Crude oil</p> <p>True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia</p> <p>Storage Vessel Description = Vapor recovery and return or disposal system (fixed roof)</p> <p>Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined</p> <p>Estimated True Vapor Pressure = Estimated true vapor pressure is 1.0 psia or less</p>
GRPTKVFR1	40 CFR Part 60, Subpart K	60K-0018	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Crude oil</p> <p>True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia</p> <p>Storage Vessel Description = Vapor recovery and return or disposal system (fixed roof)</p> <p>Reid Vapor Pressure = Reid vapor pressure is at least 2.0 psia</p>
GRPTKVFR1	40 CFR Part 61, Subpart Y	61Y-0001	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb and the provisions of 40 CFR Part 61, Subpart Y are more stringent</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Flare</p>
GRPTKVFR1	40 CFR Part 61, Subpart Y	61Y-0002	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>
GRPTKVFR1	40 CFR Part 61, Subpart Y	61Y-0003	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb, and the provisions of 40 CFR Part 61, Subpart Y are not more stringent</p>
GRPTKVFR1	40 CFR Part 61, Subpart Y	61Y-0004	<p>Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKVFR2	30 TAC Chapter 115, Storage of VOCs	R115-0042	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR2	30 TAC Chapter 115, Storage of VOCs	R115-0043	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR2	30 TAC Chapter 115, Storage of VOCs	R115-0044	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Flare</p>
GRPTKVFR2	30 TAC Chapter 115, Storage of VOCs	R115-0045	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Carbon adsorption system</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKVFR2	30 TAC Chapter 115, Storage of VOCs	R115-0046	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Other vapor recovery unit</p>
GRPTKVFR2	30 TAC Chapter 115, Storage of VOCs	R115-0048	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR2	30 TAC Chapter 115, Storage of VOCs	R115-0049	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR2	30 TAC Chapter 115, Storage of VOCs	R115-0050	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Flare</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKVFR2	30 TAC Chapter 115, Storage of VOCs	R115-0051	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Carbon adsorption system</p>
GRPTKVFR2	30 TAC Chapter 115, Storage of VOCs	R115-0052	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Other vapor recovery unit</p>
GRPTKVFR2	30 TAC Chapter 115, Storage of VOCs	R115-0054	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRPTKVFR2	40 CFR Part 60, Subpart Ka	60KA-0004	<p>Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is less than 1.5 psia</p> <p>Storage Vessel Description = Emission controls not required (fixed roof)</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
GRPTKVFR2	40 CFR Part 60, Subpart Ka	60KA-0005	<p>Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia</p> <p>Storage Vessel Description = Vapor recovery system (VRS) and a vapor return or disposal system (fixed roof)</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
GRPTKVFR2	40 CFR Part 60, Subpart Ka	60KA-0006	<p>Product Stored = Stored product other than a petroleum liquid</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKVFR2	40 CFR Part 60, Subpart Ka	60KA-0013	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is less than 1.5 psia Storage Vessel Description = Emission controls not required (fixed roof) Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRPTKVFR2	40 CFR Part 60, Subpart Ka	60KA-0014	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is less than 1.5 psia Storage Vessel Description = Emission controls not required (fixed roof) Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized Estimated True Vapor Pressure = Estimated true vapor pressure is less than or equal to 1.0 psia
GRPTKVFR2	40 CFR Part 60, Subpart Ka	60KA-0015	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is less than 1.5 psia Storage Vessel Description = Emission controls not required (fixed roof) Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized Estimated True Vapor Pressure = Estimated true vapor pressure is greater than 1.0 psia
GRPTKVFR2	40 CFR Part 60, Subpart Ka	60KA-0016	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Vapor recovery system (VRS) and a vapor return or disposal system (fixed roof) Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized Estimated True Vapor Pressure = Estimated true vapor pressure is less than or equal to 1.0 psia
GRPTKVFR2	40 CFR Part 60, Subpart Ka	60KA-0017	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Vapor recovery system (VRS) and a vapor return or disposal system (fixed roof) Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized Estimated True Vapor Pressure = Estimated true vapor pressure is greater than 1.0 psia

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKVFR2	40 CFR Part 60, Subpart Ka	60KA-0018	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Vapor recovery system (VRS) and a vapor return or disposal system (fixed roof) Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRPTKVFR2	40 CFR Part 61, Subpart Y	61Y-0005	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 subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb and the provisions of 40 CFR Part 61, Subpart Y are more stringent Alternate Means of Emission Limitation = Not using an alternate means of emission limitation Tank Description = Closed vent system Control Device Type = Flare
GRPTKVFR2	40 CFR Part 61, Subpart Y	61Y-0006	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
GRPTKVFR2	40 CFR Part 61, Subpart Y	61Y-0007	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 subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb, and the provisions of 40 CFR Part 61, Subpart Y are not more stringent
GRPTKVFR2	40 CFR Part 61, Subpart Y	61Y-0008	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)
GRPTKVFR3	30 TAC Chapter 115, Storage of VOCs	R115-0055	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia 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 *
GRPTKVFR3	30 TAC Chapter 115, Storage of VOCs	R115-0056	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR3	30 TAC Chapter 115, Storage of VOCs	R115-0057	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Flare</p>
GRPTKVFR3	30 TAC Chapter 115, Storage of VOCs	R115-0058	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Carbon adsorption system</p>
GRPTKVFR3	30 TAC Chapter 115, Storage of VOCs	R115-0059	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Other vapor recovery unit</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKVFR3	30 TAC Chapter 115, Storage of VOCs	R115-0061	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR3	30 TAC Chapter 115, Storage of VOCs	R115-0062	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR3	30 TAC Chapter 115, Storage of VOCs	R115-0063	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Flare</p>
GRPTKVFR3	30 TAC Chapter 115, Storage of VOCs	R115-0064	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Carbon adsorption system</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKVFR3	30 TAC Chapter 115, Storage of VOCs	R115-0065	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Other vapor recovery unit</p>
GRPTKVFR3	30 TAC Chapter 115, Storage of VOCs	R115-0067	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRPTKVFR3	40 CFR Part 60, Subpart Kb	60KB-0025	<p>Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
GRPTKVFR3	40 CFR Part 60, Subpart Kb	60KB-0026	<p>Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia</p> <p>Storage Vessel Description = Emission controls not required (fixed roof)</p>
GRPTKVFR3	40 CFR Part 60, Subpart Kb	60KB-0027	<p>Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = CVS and control device other than a flare (fixed roof)</p>
GRPTKVFR3	40 CFR Part 60, Subpart Kb	60KB-0028	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
GRPTKVFR3	40 CFR Part 60, Subpart Kb	60KB-0029	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia</p> <p>Storage Vessel Description = Emission controls not required (fixed roof)</p>
GRPTKVFR3	40 CFR Part 60, Subpart Kb	60KB-0030	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = CVS and control device other than a flare (fixed roof)</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKVFR3	40 CFR Part 60, Subpart Kb	60KB-0031	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
GRPTKVFR3	40 CFR Part 60, Subpart Kb	60KB-0032	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Emission controls not required (fixed roof) Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRPTKVFR3	40 CFR Part 60, Subpart Kb	60KB-0033	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Emission controls not required (fixed roof) Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia
GRPTKVFR3	40 CFR Part 60, Subpart Kb	60KB-0034	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof) Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRPTKVFR3	40 CFR Part 60, Subpart Kb	60KB-0035	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof) Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia
GRPTKVFR3	40 CFR Part 60, Subpart Kb	60KB-0036	Product Stored = Stored product other than volatile organic liquid or petroleum liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)
GRPTKVFR3	40 CFR Part 60, Subpart Kb	KB-0031	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
GRPTKVFR3	40 CFR Part 60, Subpart Kb	KB-0033	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Emission controls not required (fixed roof) Reid Vapor Pressure = Reid vapor pressure is less than 2.0 psia

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKVFR3	40 CFR Part 61, Subpart Y	61Y-0009	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb and the provisions of 40 CFR Part 61, Subpart Y are more stringent</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Flare</p>
GRPTKVFR3	40 CFR Part 61, Subpart Y	61Y-0010	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>
GRPTKVFR3	40 CFR Part 61, Subpart Y	61Y-0011	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb, and the provisions of 40 CFR Part 61, Subpart Y are not more stringent</p>
GRPTKVFR3	40 CFR Part 61, Subpart Y	61Y-0012	<p>Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)</p>
GRPTKVFR4	30 TAC Chapter 115, Storage of VOCs	R115-0068	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR4	30 TAC Chapter 115, Storage of VOCs	R115-0069	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPTKVFR4	30 TAC Chapter 115, Storage of VOCs	R115-0070	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Flare</p>
GRPTKVFR4	30 TAC Chapter 115, Storage of VOCs	R115-0071	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Carbon adsorption system</p>
GRPTKVFR4	30 TAC Chapter 115, Storage of VOCs	R115-0072	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Other vapor recovery unit</p>
GRPTKVFR4	30 TAC Chapter 115, Storage of VOCs	R115-0074	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKVFR4	30 TAC Chapter 115, Storage of VOCs	R115-0075	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRPTKVFR4	30 TAC Chapter 115, Storage of VOCs	R115-0076	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Flare</p>
GRPTKVFR4	30 TAC Chapter 115, Storage of VOCs	R115-0077	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Carbon adsorption system</p>
GRPTKVFR4	30 TAC Chapter 115, Storage of VOCs	R115-0078	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Other vapor recovery unit</p>
GRPTKVFR4	30 TAC Chapter 115, Storage of VOCs	R115-0080	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRPTKVFR4	40 CFR Part 60, Subpart K	60K-0019	<p>Construction/Modification Date = On or before June 11, 1973</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPTKVFR4	40 CFR Part 61, Subpart Y	61Y-0013	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb and the provisions of 40 CFR Part 61, Subpart Y are more stringent</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Flare</p>
GRPTKVFR4	40 CFR Part 61, Subpart Y	61Y-0014	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>
GRPTKVFR4	40 CFR Part 61, Subpart Y	61Y-0015	<p>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</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb, and the provisions of 40 CFR Part 61, Subpart Y are not more stringent</p>
GRPTKVFR4	40 CFR Part 61, Subpart Y	61Y-0016	<p>Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)</p>
GRPDOCK	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0001M	<p>Chapter 115 Facility Type = Marine terminal</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure less than 0.5 psia.</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPDOCK	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0002M	<p>Chapter 115 Control Device Type = No control device.</p> <p>Chapter 115 Facility Type = Marine terminal</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Marine Terminal Exemptions = The marine terminal is not claiming one or more of the exemptions in 30 TAC § 115.217(a)(5)(B).</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions do not apply to marine terminals or gasoline terminals.</p> <p>Control Options = Vapor balance system.</p>
GRPDOCK	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0003M	<p>Chapter 115 Control Device Type = Vapor control system with a vapor combustor.</p> <p>Chapter 115 Facility Type = Marine terminal</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Marine Terminal Exemptions = The marine terminal is not claiming one or more of the exemptions in 30 TAC § 115.217(a)(5)(B).</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions do not apply to marine terminals or gasoline terminals.</p> <p>Control Options = Vapor control system that maintains a control efficiency of at least 90%.</p>
GRPDOCK	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0004M	<p>Chapter 115 Control Device Type = No control device.</p> <p>Chapter 115 Facility Type = Marine terminal</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Marine Terminal Exemptions = The marine terminal is not claiming one or more of the exemptions in 30 TAC § 115.217(a)(5)(B).</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions do not apply to marine terminals or gasoline terminals.</p> <p>Control Options = Pressurized loading system.</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPDOCK	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0005M	<p>Chapter 115 Control Device Type = No control device.</p> <p>Chapter 115 Facility Type = Marine terminal</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Gasoline</p> <p>Marine Terminal Exemptions = The marine terminal is not claiming one or more of the exemptions in 30 TAC § 115.217(a)(5)(B).</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions do not apply to marine terminals or gasoline terminals.</p> <p>Control Options = Vapor balance system.</p>
GRPDOCK	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0006M	<p>Chapter 115 Control Device Type = Vapor control system with a vapor combustor.</p> <p>Chapter 115 Facility Type = Marine terminal</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Gasoline</p> <p>Marine Terminal Exemptions = The marine terminal is not claiming one or more of the exemptions in 30 TAC § 115.217(a)(5)(B).</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions do not apply to marine terminals or gasoline terminals.</p> <p>Control Options = Vapor control system that maintains a control efficiency of at least 90%.</p>
GRPDOCK	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0007M	<p>Chapter 115 Control Device Type = No control device.</p> <p>Chapter 115 Facility Type = Marine terminal</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Gasoline</p> <p>Marine Terminal Exemptions = The marine terminal is not claiming one or more of the exemptions in 30 TAC § 115.217(a)(5)(B).</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions do not apply to marine terminals or gasoline terminals.</p> <p>Control Options = Pressurized loading system.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPDOCK	40 CFR Part 61, Subpart BB	61BB-0001M	<p>Negative Applicability = The loading rack loads materials other than benzene-laden waste, gasoline, crude oil, natural gas liquids, petroleum distillates or benzene-laden liquid from a coke by-product plant.</p> <p>Benzene By Weight = Concentration of benzene by weight in the liquid which is loaded is greater than or equal to 70% benzene by weight.</p> <p>Annual Amount Loaded = Annual amount loaded is greater than or equal to 1.3 million liters (343,424 gallons).</p> <p>Loading Location = Marine loading only.</p> <p>Subpart BB Control Device Type = Flare.</p> <p>Intermittent Control Device = The control device does not operate intermittently.</p> <p>Diverted Gas Stream = The vent gas stream cannot be diverted from the control device.</p>
GRPDOCK	40 CFR Part 61, Subpart BB	61BB-0002M	<p>Negative Applicability = The loading rack loads materials other than benzene-laden waste, gasoline, crude oil, natural gas liquids, petroleum distillates or benzene-laden liquid from a coke by-product plant.</p> <p>Benzene By Weight = Concentration of benzene by weight in the liquid which is loaded is greater than or equal to 70% benzene by weight.</p> <p>Annual Amount Loaded = Annual amount loaded is less than 1.3 million liters (343,424 gallons).</p>
GRPDOCK	40 CFR Part 61, Subpart BB	61BB-0003M	<p>Negative Applicability = The loading rack loads materials other than benzene-laden waste, gasoline, crude oil, natural gas liquids, petroleum distillates or benzene-laden liquid from a coke by-product plant.</p> <p>Benzene By Weight = Concentration of benzene by weight in the liquid which is loaded is less than 70% benzene by weight.</p> <p>Annual Amount Loaded = Annual amount loaded is greater than or equal to 1.3 million liters (343,424 gallons).</p>
GRPDOCK	40 CFR Part 61, Subpart BB	61BB-0004M	<p>Negative Applicability = The loading rack loads materials other than benzene-laden waste, gasoline, crude oil, natural gas liquids, petroleum distillates or benzene-laden liquid from a coke by-product plant.</p> <p>Benzene By Weight = Concentration of benzene by weight in the liquid which is loaded is less than 70% benzene by weight.</p> <p>Annual Amount Loaded = Annual amount loaded is less than 1.3 million liters (343,424 gallons).</p>
GRPDOCK	40 CFR Part 63, Subpart Y	63Y-0001	<p>Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore).</p> <p>Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility.</p> <p>Vapor Pressure = Vapor pressure is less than 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.</p>
GRPDOCK	40 CFR Part 63, Subpart Y	63Y-0002	<p>Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore).</p> <p>Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility.</p> <p>Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.</p> <p>Subpart BB Applicability = Marine vessel loading operations are subject to and complying with 40 CFR Part 61, Subpart BB.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPDOCK	40 CFR Part 63, Subpart Y	63Y-0003	<p>CEMS = Continuous emissions monitoring system (CEMS) is not being used.</p> <p>Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore).</p> <p>Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility.</p> <p>Vapor Balancing System = Emissions are not reduced by a vapor balancing system.</p> <p>Documenting Vapor Tightness = Electing to comply with the vapor tightness documentation in 40 CFR 63.567(b)(5)(ii).</p> <p>Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.</p> <p>Subpart BB Applicability = Marine vessel loading operations are not subject to and complying with 40 CFR Part 61, Subpart BB.</p> <p>Subpart Y Control Device Type = Flare.</p> <p>Material Loaded = Both gasoline and crude oil.</p> <p>HAP Impurities Only = Marine vessel loading operations at loading berths transfer liquids containing organic hazardous air pollutants other than as impurities.</p> <p>Alternate Monitoring = Complying with the control device specific monitoring procedures in 40 CFR § 63.564.</p> <p>Source Emissions = Source with emissions less than 10 and 25 tons.</p> <p>Alternate Test Procedure = Complying with the test procedures in 40 CFR § 63.565.</p> <p>Throughput = Source with throughput of 10 M barrels or 200 M barrels.</p> <p>Vent Stream By-Pass = There are no valves that could route displaced vapors to the atmosphere.</p>
GRPDOCK	40 CFR Part 63, Subpart Y	63Y-0004	<p>Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore).</p> <p>Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility.</p> <p>Vapor Balancing System = Emissions are reduced by a vapor balancing system.</p> <p>Documenting Vapor Tightness = Electing to comply with the emissions reporting requirements in 40 CFR § 63.567(b)(5)(i).</p> <p>Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.</p> <p>Subpart BB Applicability = Marine vessel loading operations are not subject to and complying with 40 CFR Part 61, Subpart BB.</p> <p>Subpart Y Control Device Type = Flare.</p> <p>Material Loaded = Material other than crude oil or gasoline.</p> <p>HAP Impurities Only = Marine vessel loading operations at loading berths transfer liquids containing organic hazardous air pollutants other than as impurities.</p> <p>Alternate Monitoring = Complying with the control device specific monitoring procedures in 40 CFR § 63.564.</p> <p>Source Emissions = Source with emissions less than 10 and 25 tons.</p> <p>Alternate Test Procedure = Complying with the test procedures in 40 CFR § 63.565.</p> <p>Vent Stream By-Pass = There are no valves that could route displaced vapors to the atmosphere.</p>
GRPLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0001	<p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure less than 0.5 psia.</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0002	<p>Chapter 115 Control Device Type = No control device.</p> <p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.</p> <p>Control Options = Vapor balance system.</p>
GRPLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0003	<p>Chapter 115 Control Device Type = Vapor control system with a chiller.</p> <p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.</p> <p>Control Options = Vapor control system that maintains a control efficiency of at least 90%.</p>
GRPLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0003A	<p>Chapter 115 Control Device Type = Vapor control system with a carbon adsorption system.</p> <p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.</p> <p>Control Options = Vapor control system that maintains a control efficiency of at least 90%.</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0003B	<p>Chapter 115 Control Device Type = Vapor control system with a flare.</p> <p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.</p> <p>Control Options = Vapor control system that maintains a control efficiency of at least 90%.</p>
GRPLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0003C	<p>Chapter 115 Control Device Type = Control device other than a flare, vapor combustor, catalytic incinerator, direct flame incinerator, chiller, or carbon adsorption system.</p> <p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.</p> <p>Control Options = Vapor control system that maintains a control efficiency of at least 90%.</p>
GRPLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0004	<p>Chapter 115 Control Device Type = No control device.</p> <p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.</p> <p>Control Options = Pressurized loading system.</p>

Unit ID	Regulation	Index Number	Basis of Determination *
GRPLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0005	<p>Chapter 115 Control Device Type = No control device.</p> <p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Gasoline</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.</p> <p>Control Options = Vapor balance system.</p>
GRPLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0006	<p>Chapter 115 Control Device Type = Vapor control system with a carbon adsorption system.</p> <p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Gasoline</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.</p> <p>Control Options = Vapor control system that maintains a control efficiency of at least 90%.</p>
GRPLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	C115C-0006A	<p>Chapter 115 Control Device Type = Vapor control system with a flare.</p> <p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Gasoline</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.</p> <p>Control Options = Vapor control system that maintains a control efficiency of at least 90%.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRPLOAD	40 CFR Part 61, Subpart BB	61BB-0001	<p>Negative Applicability = The loading rack loads materials other than benzene-laden waste, gasoline, crude oil, natural gas liquids, petroleum distillates or benzene-laden liquid from a coke by-product plant.</p> <p>Benzene By Weight = Concentration of benzene by weight in the liquid which is loaded is greater than or equal to 70% benzene by weight.</p> <p>Annual Amount Loaded = Annual amount loaded is greater than or equal to 1.3 million liters (343,424 gallons).</p> <p>Loading Location = Land loading only.</p> <p>Subpart BB Control Device Type = Flare.</p> <p>Intermittent Control Device = The control device does not operate intermittently.</p> <p>Diverted Gas Stream = The vent gas stream cannot be diverted from the control device.</p>
GRPLOAD	40 CFR Part 61, Subpart BB	61BB-0002	<p>Negative Applicability = The loading rack loads materials other than benzene-laden waste, gasoline, crude oil, natural gas liquids, petroleum distillates or benzene-laden liquid from a coke by-product plant.</p> <p>Benzene By Weight = Concentration of benzene by weight in the liquid which is loaded is greater than or equal to 70% benzene by weight.</p> <p>Annual Amount Loaded = Annual amount loaded is greater than or equal to 1.3 million liters (343,424 gallons).</p> <p>Loading Location = Land loading only.</p> <p>Subpart BB Control Device Type = Control device other than a flare, incinerator, carbon adsorption system or boiler.</p> <p>Intermittent Control Device = The control device does not operate intermittently.</p> <p>Diverted Gas Stream = The vent gas stream cannot be diverted from the control device.</p>
GRPLOAD	40 CFR Part 61, Subpart BB	61BB-0003	<p>Negative Applicability = The loading rack loads materials other than benzene-laden waste, gasoline, crude oil, natural gas liquids, petroleum distillates or benzene-laden liquid from a coke by-product plant.</p> <p>Benzene By Weight = Concentration of benzene by weight in the liquid which is loaded is greater than or equal to 70% benzene by weight.</p> <p>Annual Amount Loaded = Annual amount loaded is less than 1.3 million liters (343,424 gallons).</p>
GRPLOAD	40 CFR Part 61, Subpart BB	61BB-0004	<p>Negative Applicability = The loading rack loads materials other than benzene-laden waste, gasoline, crude oil, natural gas liquids, petroleum distillates or benzene-laden liquid from a coke by-product plant.</p> <p>Benzene By Weight = Concentration of benzene by weight in the liquid which is loaded is less than 70% benzene by weight.</p> <p>Annual Amount Loaded = Annual amount loaded is greater than or equal to 1.3 million liters (343,424 gallons).</p>
GRPLOAD	40 CFR Part 61, Subpart BB	61BB-0005	<p>Negative Applicability = The loading rack loads materials other than benzene-laden waste, gasoline, crude oil, natural gas liquids, petroleum distillates or benzene-laden liquid from a coke by-product plant.</p> <p>Benzene By Weight = Concentration of benzene by weight in the liquid which is loaded is less than 70% benzene by weight.</p> <p>Annual Amount Loaded = Annual amount loaded is less than 1.3 million liters (343,424 gallons).</p>
BLR1	40 CFR Part 60, Subpart Dc	60DC-0002	<p>Construction/Modification Date = After February 28, 2005.</p> <p>Maximum Design Heat Input Capacity = Maximum design heat input capacity is less than 10 MMBtu/hr (2.9 MW).</p>

Unit ID	Regulation	Index Number	Basis of Determination*
BLR2	40 CFR Part 60, Subpart Dc	60DC-0001	<p>Construction/Modification Date = After February 28, 2005.</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW).</p> <p>SO₂ Inlet Monitoring Type = No SO₂ monitoring.</p> <p>Other Subparts = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB.</p> <p>SO₂ Outlet Monitoring Type = No SO₂ monitoring.</p> <p>Heat Input Capacity = Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW).</p> <p>Technology Type = None.</p> <p>D-Series Fuel Type = Natural gas.</p>
BLR3	40 CFR Part 60, Subpart Dc	60DC-0002	<p>Construction/Modification Date = After February 28, 2005.</p> <p>Maximum Design Heat Input Capacity = Maximum design heat input capacity is less than 10 MMBtu/hr (2.9 MW).</p>
BLR4	40 CFR Part 60, Subpart Dc	60DC-0001	<p>Construction/Modification Date = After February 28, 2005.</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW).</p> <p>SO₂ Inlet Monitoring Type = No SO₂ monitoring.</p> <p>Other Subparts = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB.</p> <p>SO₂ Outlet Monitoring Type = No SO₂ monitoring.</p> <p>Heat Input Capacity = Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW).</p> <p>Technology Type = None.</p> <p>D-Series Fuel Type = Natural gas.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
BLR5	40 CFR Part 60, Subpart Dc	60DC-0001	<p>Construction/Modification Date = After February 28, 2005.</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW).</p> <p>SO₂ Inlet Monitoring Type = No SO₂ monitoring.</p> <p>Other Subparts = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB.</p> <p>SO₂ Outlet Monitoring Type = No SO₂ monitoring.</p> <p>Heat Input Capacity = Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW).</p> <p>Technology Type = None.</p> <p>D-Series Fuel Type = Natural gas.</p> <p>47C-Option = COMS exemption § 60.47c(f) for a facility that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>30% Coal Duct Burner = The facility does not combust coal in a duct burner as part of a combined cycle system; or more than 30% of the heat is from combustion of coal and less than 70% is from exhaust gases entering the duct burner.</p>
F2	30 TAC Chapter 111, Visible Emissions	C111-0001	<p>Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.</p>
F2	40 CFR Part 60, Subpart A	60A-0001	<p>Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.</p> <p>Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).</p> <p>Flare Assist Type = Air-assisted</p>
F2	40 CFR Part 63, Subpart A	63A-0001	<p>Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.</p> <p>Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).</p> <p>Flare Assist Type = Air assisted</p>
F4	30 TAC Chapter 111, Visible Emissions	C111-0001	<p>Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.</p>
F4	40 CFR Part 60, Subpart A	60A-0001	<p>Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.</p> <p>Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).</p> <p>Flare Assist Type = Air-assisted</p>
F4	40 CFR Part 63, Subpart A	63A-0001	<p>Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.</p> <p>Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).</p> <p>Flare Assist Type = Air assisted</p>

Unit ID	Regulation	Index Number	Basis of Determination*
FUGBENZENE	40 CFR Part 61, Subpart J	61J-0001	<p>40 CFR 61 (NESHAP) SUBPART J DESIGN CAPACITY = SITE IS DESIGNED TO PRODUCE OR USE MORE THAN 1,000 MEGAGRAMS OF BENZENE PER YEAR</p> <p>ANY COMPONENT IN BENZENE SERVICE [NESHAP J] = THE FACILITY CONTAINS ANY COMPONENT(S) IN BENZENE SERVICE</p> <p>40 CFR 61 (NESHAP) SUBPART J ALTERNATE MEANS OF EMISSION LIMITATION (AMEL) = NOT USING ALTERNATE MEANS OF EMISSION LIMITATION.</p>
FUGVHAP	40 CFR Part 61, Subpart V	61V-0001	<p>Vacuum Service = The fugitive unit contains components in vacuum service.</p> <p>VHAP Service = The fugitive unit contains components in VHAP service.</p> <p>Pumps = The fugitive unit contains pumps in VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for pumps.</p> <p>Complying with 40 CFR § 61.242-2 = Pumps are complying with 40 CFR § 61.242-2.</p>
FUGVHAP	40 CFR Part 61, Subpart V	61V-0002	<p>Compressors = The fugitive unit contains compressors in VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for compressors.</p> <p>Complying with 40 CFR § 61.242-3 = Compressors are complying with § 61.242-3.</p>
FUGVHAP	40 CFR Part 61, Subpart V	61V-0003	<p>Pressure Relief Devices in Gas/Vapor Service = The fugitive unit contains pressure relief devices in gas/vapor VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for pressure relief devices in gas/vapor service.</p> <p>Complying with 40 CFR § 61.242-4 = Pressure relief devices in gas/vapor service are complying with § 61.242-4.</p> <p>Pressure Relief Devices in Liquid Service = The fugitive unit contains pressure relief devices in liquid VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for pressure relief devices in liquid service.</p> <p>Complying with 40 CFR § 61.242-8 = Pressure relief devices in liquid service are complying with § 61.242-8.</p>
FUGVHAP	40 CFR Part 61, Subpart V	61V-0004	<p>Sampling Connection Systems = The fugitive unit contains sampling connection systems in VHAP service.</p> <p>Valves = The fugitive unit contains valves in VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for sampling connection systems.</p> <p>Complying with 40 CFR § 61.242-5 = Sampling connection systems are complying with § 61.242-5.</p> <p>Complying with 40 CFR § 61.242-7 = Valves are complying with § 61.242-7.</p> <p>Flanges and Other Connectors = The fugitive unit contains flanges and other connectors in VHAP service.</p> <p>Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines in VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for open-ended valves or lines.</p> <p>Complying with 40 CFR § 61.242-6 = Open-ended valves or lines are complying with § 61.242-6.</p> <p>Complying with 40 CFR § 61.242-8 = Flanges and other connectors are complying with § 61.242-8.</p>
FUGVHAP	40 CFR Part 61, Subpart V	61V-0005	<p>Product Accumulator Vessels = The fugitive unit contains product accumulator vessels.</p> <p>Vapor Recovery System = The fugitive unit contains vapor recovery systems in VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for product accumulator vessels.</p> <p>Complying with 40 CFR § 61.242-9 = Product accumulator vessels are complying with § 61.242-9.</p> <p>Complying with 40 CFR § 61.242-11(b) = Vapor recovery systems are complying with § 61.242-11(b).</p>

Unit ID	Regulation	Index Number	Basis of Determination*
FUGVHAP	40 CFR Part 61, Subpart V	61V-0006	Vapor Recovery System = The fugitive unit contains 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) = Vapor recovery systems are complying with § 61.242-11(b).
FUGVHAP	40 CFR Part 61, Subpart V	61V-0007	Vapor Recovery System = The fugitive unit contains 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) = Vapor recovery systems are complying with § 61.242-11(b).
FUGVHAP	40 CFR Part 61, Subpart V	61V-0008	Vapor Recovery System = The fugitive unit contains 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) = Vapor recovery systems are complying with § 61.242-11(b).
FUGVHAP	40 CFR Part 61, Subpart V	61V-0009	Vapor Recovery System = The fugitive unit contains 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) = Vapor recovery systems are complying with § 61.242-11(b).
FUGVHAP	40 CFR Part 61, Subpart V	61V-0010	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).
FUGVHAP	40 CFR Part 61, Subpart V	61V-0011	Flare = The fugitive unit contains flares. AMEL = No alternate method of emission limitation is used for flares. Complying with 40 CFR § 61.242-11(d) = Flares are complying with § 61.242-11(d).
FUGVHAP	40 CFR Part 61, Subpart V	61V-0012	Flare = The fugitive unit contains flares. AMEL = No alternate method of emission limitation is used for flares. Complying with 40 CFR § 61.242-11(d) = Flares are complying with § 61.242-11(d).
FUGVHAP	40 CFR Part 61, Subpart V	61V-0013	Flare = The fugitive unit contains flares. AMEL = No alternate method of emission limitation is used for flares. Complying with 40 CFR § 61.242-11(d) = Flares are complying with § 61.242-11(d).
FUGVHAP	40 CFR Part 61, Subpart V	61V-0014	Flare = The fugitive unit contains flares. AMEL = No alternate method of emission limitation is used for flares. Complying with 40 CFR § 61.242-11(d) = Flares are complying with § 61.242-11(d).
FUGVHAP	40 CFR Part 61, Subpart V	61V-0015	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).

Unit ID	Regulation	Index Number	Basis of Determination *
30W	30 TAC Chapter 115, Industrial Wastewater	C115B-0001	<p>Petroleum Refinery = The affected source category is not a petroleum refinery.</p> <p>Wastewater Component Type = A wastewater component that is exempted from the control requirements of 30 TAC § 115.142 because it handles only exempted wastewater streams under 30 TAC § 115.147(2).</p> <p>Alternate Control Requirement = An alternate control requirement (ACR) or exemption criteria in accordance with 30 TAC § 115.910 is not used.</p> <p>90% Overall Control Option = The unit is complying with the control requirements of 30 TAC § 115.142.</p> <p>Safety Hazard Exemption = No safety hazard exemption has been requested or none has been approved.</p>

* - 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 also 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.	FOP 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. 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. The following table specifies the permits by rule that apply to the site. All current permits by rule are contained in Chapter 106. Outdated 30 TAC Chapter 106 permits by rule may be viewed at the following Web site:

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

Outdated Standard Exemption lists may be viewed at the following Web site:

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

The status of air permits and applications and a link to the Air Permits Remote Document Server is located at the following Web site:

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

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.: 112803	Issuance Date: 09/30/2013
Authorization No.: 135856	Issuance Date: 10/20/2015
Authorization No.: 1677	Issuance Date: 04/08/2010
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000

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 sandblasting yard) is called an emission point. For New Source Review preconstruction permitting purposes, every emission unit has an associated emission point. Emission limits are listed in an NSR permit, associated with an emission point. This list of emission points and emission limits per pollutant is commonly referred to as the "Maximum Allowable Emission Rate Table", or "MAERT" for short. Specifically, the MAERT lists the Emission Point Number (EPN) that identifies the emission point, followed immediately by the Source Name, identifying the emission unit that is the source of those emissions on this table.

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

Monitoring Sufficiency

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

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

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

Compliance Assurance Monitoring (CAM):

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

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

1. the emission unit is subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement;
2. the emission unit uses a control device to achieve compliance with the emission limitation or standard specified in the applicable requirement; and
3. the emission unit has the pre-control device potential to emit greater than or equal to the amount in tons per year for a site to be classified as a major source.

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

Unit/Group/Process Information	
ID No.: GRPDOCK	
Control Device ID No.: F4	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Loading and Unloading of VOC	SOP Index No.: C115C-0003M
Pollutant: VOC	Main Standard: § 115.212(a)(6)(A)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: No pilot flame.	
Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: GRPDOCK	
Control Device ID No.: F4	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Loading and Unloading of VOC	SOP Index No.: C115C-0006M
Pollutant: VOC	Main Standard: § 115.212(a)(6)(A)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: No pilot flame	
Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

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.: GRPTKVFR1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-0005
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-0005
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Presence of defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
<p>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 a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-0016
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-0016
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Presence of defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
<p>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 a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-0017
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-0017
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Presence of defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
<p>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 a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-0018
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-0018
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Presence of defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
<p>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 a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR1	
Control Device ID No.: CAS	Control Device Type: Carbon Adsorption System (Non-Regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-0002
Pollutant: BENZENE	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: VOC concentration	
Minimum Frequency: Shall be performed during filling of storage tanks and during loading operations.	
Averaging Period: n/a*	
Deviation Limit: Greater than 100 ppmv	
<p>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.</p>	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Unit/Group/Process Information	
ID No.: GRPTKVFR2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: 60KA-0005
Pollutant: VOC	Main Standard: § 60.112a(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: 60KA-0005
Pollutant: VOC	Main Standard: § 60.112a(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: 60KA-0005
Pollutant: VOC	Main Standard: § 60.112a(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Presence of defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
<p>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 a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: 60KA-0016
Pollutant: VOC	Main Standard: § 60.112a(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: 60KA-0016
Pollutant: VOC	Main Standard: § 60.112a(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Presence of defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
<p>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 a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: 60KA-0017
Pollutant: VOC	Main Standard: § 60.112a(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: 60KA-0017
Pollutant: VOC	Main Standard: § 60.112a(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Presence of defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
<p>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 a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: 60KA-0018
Pollutant: VOC	Main Standard: § 60.112a(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: 60KA-0018
Pollutant: VOC	Main Standard: § 60.112a(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Presence of defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
<p>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 a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-0006
Pollutant: BENZENE	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: VOC concentration	
Minimum Frequency: Shall be performed during filling of storage tanks and during loading operations.	
Averaging Period: n/a*	
Deviation Limit: Greater than 100 ppmv	
<p>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.</p>	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Unit/Group/Process Information	
ID No.: GRPTKVFR3	
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-0027
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: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR3	
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-0027
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: Presence of defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
<p>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 a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR3	
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-0030
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: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR3	
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-0030
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: Presence of defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
<p>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 a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR3	
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-0034
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: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR3	
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-0034
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: Presence of defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
<p>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 a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR3	
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-0035
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: > 500 ppmv above background concentration	
<p>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.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR3	
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-0035
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: Presence of defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	
<p>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 a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

Unit/Group/Process Information	
ID No.: GRPTKVFR3	
Control Device ID No.: CAS	Control Device Type: Carbon Adsorption System (Non-Regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-0010
Pollutant: BENZENE	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: VOC concentration	
Minimum Frequency: Shall be performed during filling of storage tanks and during loading operations.	
Averaging Period: n/a*	
Deviation Limit: Greater than 100 ppmv	
<p>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.</p>	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Unit/Group/Process Information	
ID No.: GRPTKVFR4	
Control Device ID No.: CAS	Control Device Type: Carbon Adsorption System (Non-Regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart Y	SOP Index No.: 61Y-0014
Pollutant: BENZENE	Main Standard: [G]§ 61.271(c)
Monitoring Information	
Indicator: VOC concentration	
Minimum Frequency: Shall be performed during the filling of storage tanks and during loading operations.	
Averaging Period: n/a*	
Deviation Limit: Greater than 100 ppmv	
<p>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.</p>	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Compliance Review

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on October 15, 2015.

Site rating: 1.13 / Satisfactory Company rating: 2.14 / 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

Permit reviewer notes: n/a

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

Permit reviewer notes: n/a

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-UA8 - Coal Preparation Plant Attributes
- OP-UA9 - Nonmetallic Mineral Process Plant 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 Semicheical Pulp Mill Attributes
- OP-UA31 - Lead Smelting Attributes
- OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes
- OP-UA33 - Metallic 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