

# Statement of Basis of the Federal Operating Permit

Western Refining Company, L.P.

Site Name: Western Refining El Paso All Sites  
Area Name: El Paso Refinery  
Physical Location: 6501 Trowbridge Dr  
Nearest City: El Paso  
County: El Paso

Permit Number: O1348  
Project Type: Renewal

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

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

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

Prepared on: October 2, 2020

# Operating Permit Basis of Determination

## Permit Area Process Description

### *El Paso Terminal*

Refined petroleum products enter the terminal via pipeline from the adjacent refinery. The refined petroleum products are temporarily stored in tanks located at the terminal. Several storage tanks at the terminal hold gasoline additives that are received via tank truck. The refined petroleum products, ethanol, and additives are blended together prior to being loaded into tank trucks. All products leave the terminal through the loading rack.

### *South Plant*

Crude oil is separated into different fractions based on boiling points. The lighter fractions can be blended into products. Heavier fractions go through the cracking process in which the longer hydrocarbon chains are broken into smaller ones. The fractionated products consist of gasoline, naphtha, reformat, and other components. An undesirable component of crude oil is sulfur; it is removed & recovered in an SRU (Sulfur Recovery Unit).

### *North Utilities*

Wastewater generated from refinery process units in the North Process Area, from boilers in the North Utilities, and from the storage tanks in the North Tank farm is collected by drainage systems routed to unit Wastewater Treatment System (WWCTS) for treatment. The system is designed to remove benzene from wastewater.

The system uses a combination of devices to remove the benzene including:

Induced Nitrogen Flotation Unit - Routes water effluent to a series of units

Air Stripper - benzene & other components are stripped from wastewater

Caustic Scrubber - H<sub>2</sub>S is removed from wastewater

Carbon Adsorption Unit - control of VOC emissions

Thermal Oxidizer - Removes remaining contaminants from generated from treatment of wastewater

### *North Process Area*

The North Process Area at the Western facilities is composed of a Sulfur Recovery Unit (SRU), Flares, Wastewater Separator, and other equipment to produce propane, butane, jet fuel, gasoline, & fuel oils. To produce these products crude oil is heated & fractionated which produces both heavy & light products. These products are refined further in a vacuum unit, jet hydrotreater, etc. (This produces the desired final product.) Gases generated during the refining process are treated in an Amine Unit to remove sulfur. The products produced at the North Process Area are sent to the Marketing terminal for both loading & unloading procedures.

### *North Tank Farm*

#### Tank Farm

The tank farm consists of several storage tanks along with several loading & unloading racks and blending equipment. The tank farm stores crude oil, intermediate products prior to blending, and finished products. Some of the finished products stored in the North Tank Farm include butane, gasoline, diesel, kerosene, jet fuel, fuel oils, etc.

### Asphalt Plant

The asphalt plant receives heavy liquid feeds from various process units in the facility. The feed is processed in air stills where the asphaltic residual oils are polymerized to increase the hardness of the asphalt. A furnace is used to control the emissions from the air stills and to keep stored product warm (prevents hardening).

## 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: O3929

## Major Source Pollutants

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

Major Pollutants	VOC, SO <sub>2</sub> , PM, NO <sub>X</sub> , HAPS, CO
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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 an OP-UA Form or Form OP-SUM. Form OP-SUM must list all

units addressed in the application and provide identifying information, applicable OP-UA Forms, and preconstruction authorizations. The various OP-UA Forms provide the characteristics of each unit from which applicable requirements are established. Some exceptions exist as a few units may have both site-wide requirements and unit specific requirements.

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

## Attachments

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

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

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

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

New Source Review Authorization References. All activities which are related to emissions in the state of Texas must have a NSR authorization prior to beginning construction. This section lists all units in the permit and the NSR authorization that allowed the unit to be constructed or modified. Units that do not have unit specific applicable requirements other than the NSR authorization do not need to be listed in this attachment. While NSR permits are not physically a part of the Title V permit, they are legally incorporated into the Title V permit by reference. Those NSR permits whose emissions exceed certain PSD/NA thresholds must also undergo a Federal review of federally regulated pollutants in addition to review for state regulated pollutants.

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

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

## Appendix A

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

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

The site contains stationary vents with a flowrate less than 100,000 actual cubic feet per minute (acfm) which are limited, over a six-minute average, to 20% opacity as required by 30 TAC § 111.111(a)(1)(B). As a site may have a large number of stationary vents that fall into this category, they are not required to be listed individually in the permit's Applicable 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 for stationary vents subject to 30 TAC § 111.111(a)(1)(B) to verify compliance with the 20% opacity limit. These vents are not expected to produce visible emissions during normal operation. The TCEQ evaluated the probability of these sources violating the opacity standards and determined that there is a very low potential that an opacity standard would be exceeded. It was determined that continuous monitoring for these sources is not warranted as there would be very limited environmental benefit in continuously monitoring sources that have a low potential to produce visible emissions. Therefore, the TCEQ set the visible observation monitoring frequency for these sources to once per calendar quarter.

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

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

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

**Federal Regulatory Applicability Determinations**

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

<b>Regulatory Program</b>	<b>Applicability (Yes/No)</b>
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

Regulatory Program	Applicability (Yes/No)
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
CSAPR (Cross-State Air Pollution Rule)	No
Federal Implementation Plan for Regional Haze (Texas SO <sub>2</sub> Trading Program)	No

### Basis for Applying Permit Shields

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

### Insignificant Activities and Emission Units

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

#### De Minimis Sources

1. Sources identified in the "De Minimis Facilities or Sources" list maintained by TCEQ. The list is available at [https://www.tceq.texas.gov/permitting/air/newsourcereview/de\\_minimis.html](https://www.tceq.texas.gov/permitting/air/newsourcereview/de_minimis.html).

#### Miscellaneous Sources

2. Office activities such as photocopying, blueprint copying, and photographic processes.
3. Outdoor barbecue pits, campfires, and fireplaces.
4. Storage and handling of sealed portable containers, cylinders, or sealed drums.
5. Vehicle exhaust from maintenance or repair shops.
6. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
7. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
8. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
9. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
10. Well cellars.

11. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
12. Equipment used exclusively for the melting or application of wax.
13. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
14. Battery recharging areas.

#### Sources Authorized by 30 TAC Chapter 106, Permits by Rule

15. Sources authorized by §106.102: Combustion units designed and used exclusively for comfort heating purposes employing liquid petroleum gas, natural gas, solid wood, or distillate fuel oil.
16. Sources authorized by §106.122: Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
17. Sources authorized by §106.141: Batch mixers with rated capacity of 27 cubic feet or less for mixing cement, sand, aggregate, lime, gypsum, additives, and/or water to produce concrete, grout, stucco, mortar, or other similar products.
18. Sources authorized by §106.143: Wet sand and gravel production facilities that obtain material from subterranean and subaqueous beds where the deposits of sand and gravel are consolidated granular materials resulting from natural disintegration of rock and stone and have a production rate of 500 tons per hour or less.
19. Sources authorized by §106.148: Railcar or truck unloading of wet sand, gravel, aggregate, coal, lignite, and scrap iron or scrap steel (but not including metal ores, metal oxides, battery parts, or fine dry materials) into trucks or other railcars for transportation to other locations.
20. Sources authorized by §106.149: Sand and gravel production facilities that obtain material from deposits of sand and gravel consisting of natural disintegration of rock and stone, provided that crushing or breaking operations are not used and no blasting is conducted to obtain the material.
21. Sources authorized by §106.161: Animal feeding operations which confine animals in numbers specified and any associated on-site feed handling and/or feed millings operations, not including caged laying and caged pullet operations.
22. Sources authorized by §106.162: Livestock auction sales facilities.
23. Sources authorized by §106.163: All animal racing facilities, domestic animal shelters, zoos, and their associated confinement areas, stables, feeding areas, and waste collection and treatment facilities, other than incineration units.
24. Sources authorized by §106.229: Equipment used exclusively for the dyeing or stripping of textiles.
25. Sources authorized by §106.241: Any facility where animals or poultry are slaughtered and prepared for human consumption provided that waste products such as blood, offal, and feathers are stored in such a manner as to prevent the creation of a nuisance condition and these waste products are removed from the premises daily or stored under refrigeration.
26. Sources authorized by §106.242: Equipment used in eating establishments for the purpose of preparing food for human consumption.
27. Sources authorized by §106.243: Smokehouses in which the maximum horizontal inside cross-sectional area does not exceed 100 square feet.
28. Sources authorized by §106.244: Ovens, mixers, blenders, barbecue pits, and cookers if the products are edible and intended for human consumption.
29. Sources authorized by §106.266: Vacuum cleaning systems used exclusively for industrial, commercial, or residential housekeeping purposes.
30. Sources authorized by §106.301: Aqueous fertilizer storage tanks.
31. Sources authorized by §106.313: All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
32. Sources authorized by §106.316: Equipment used for inspection of metal products.
33. Sources authorized by §106.317: Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
34. Sources authorized by §106.318: Die casting machines.
35. Sources authorized by §106.319: Foundry sand mold forming equipment to which no heat is applied.

36. Sources authorized by §106.331: Equipment used exclusively to package pharmaceuticals and cosmetics or to coat pharmaceutical tablets.
37. Sources authorized by §106.333: Equipment used exclusively for the mixing and blending of materials at ambient temperature to make water-based adhesives.
38. Sources authorized by §106.372: Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
39. Sources authorized by §106.391: Presses used for the curing of rubber products and plastic products.
40. Sources authorized by §106.394: Equipment used for compression molding and injection molding of plastics.
41. Sources authorized by §106.414: Equipment used exclusively for the packaging of lubricants or greases.
42. Sources authorized by §106.415: Laundry dryers, extractors, and tumblers used for fabrics cleaned with water solutions of bleach or detergents.
43. Sources authorized by §106.431: Equipment used exclusively to mill or grind coatings and molding compounds where all materials charged are in paste form.
44. Sources authorized by §106.432: Containers, reservoirs, or tanks used exclusively for dipping operations for coating objects with oils, waxes, or greases where no organic solvents, diluents, or thinners are used; or dipping operations for applying coatings of natural or synthetic resins which contain no organic solvents.
45. Sources authorized by §106.451: Blast cleaning equipment using a suspension of abrasives in water.
46. Sources authorized by §106.453: Equipment used for washing or drying products fabricated from metal or glass, provided no volatile organic materials are used in the process and no oil or solid fuel is burned.
47. Sources authorized by §106.471: Equipment used exclusively to store or hold dry natural gas.
48. Sources authorized by §106.531: Sewage treatment facilities, excluding combustion or incineration equipment, land farms, or grease trap waste handling or treatment facilities.

### **Determination of Applicable Requirements**

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to which the permit holder must comply. For more information about the descriptions of the unit attributes specific Unit Attribute Forms may be viewed at [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://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](http://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*	Changes and Exceptions to DSS**
COMP1	40 CFR Part 60, Subpart IIII	60IIII-C5	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is a non-emergency engine.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 04/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p> <p>Generator Set = The CI ICE is not a generator set engine.</p> <p>Model Year = CI ICE was manufactured in model year 2009.</p> <p>Kilowatts = Power rating greater than or equal to 130 KW and less than or equal to 368 KW.</p> <p>Filter = The CI ICE is not equipped with a diesel particulate filter.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p>	
COMP1	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = Compression ignition engine</p>	
COMP2	40 CFR Part 60, Subpart IIII	60IIII-C5	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is a non-emergency engine.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 04/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p> <p>Generator Set = The CI ICE is not a generator set engine.</p> <p>Model Year = CI ICE was manufactured prior to model year 2007.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Kilowatts = Power rating is greater than or equal to 130 KW and less than or equal to 2237 KW.</p> <p>Filter = The CI ICE is not equipped with a diesel particulate filter.</p> <p>Compliance Option = Records are being kept of manufacturer data according to §60.4211(b)(3).</p>	
COMP2	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1a	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = Compression ignition engine</p>	
COMP3	40 CFR Part 60, Subpart IIII	60IIII-C5	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is a non-emergency engine.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 04/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p> <p>Generator Set = The CI ICE is not a generator set engine.</p> <p>Model Year = CI ICE was manufactured in model year 2008.</p> <p>Kilowatts = Power rating greater than or equal to 130 KW and less than or equal to 368 KW.</p> <p>Filter = The CI ICE is not equipped with a diesel particulate filter.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p>	
COMP3	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1a	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = Compression ignition engine</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
COMP4	40 CFR Part 60, Subpart IIII	60IIII-C5	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is a non-emergency engine.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 04/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p> <p>Generator Set = The CI ICE is not a generator set engine.</p> <p>Model Year = CI ICE was manufactured in model year 2011.</p> <p>Kilowatts = Power rating greater than or equal to 130 KW and less than or equal to 368 KW.</p> <p>Filter = The CI ICE is not equipped with a diesel particulate filter.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p>	
COMP4	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1a	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = Compression ignition engine</p>	
COMP5	40 CFR Part 60, Subpart IIII	60IIII-C5	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is a non-emergency engine.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 04/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p> <p>Generator Set = The CI ICE is not a generator set engine.</p> <p>Model Year = CI ICE was manufactured in model year 2012.</p> <p>Kilowatts = Power rating greater than or equal to 130 KW and less than or equal to 368 KW.</p> <p>Filter = The CI ICE is not equipped with a diesel particulate filter.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.	
COMP5	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1a	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = Compression ignition engine</p>	
COMP6	40 CFR Part 60, Subpart IIII	60IIII-C5	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is a non-emergency engine.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 04/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p> <p>Generator Set = The CI ICE is not a generator set engine.</p> <p>Model Year = CI ICE was manufactured in model year 2012.</p> <p>Kilowatts = Power rating greater than or equal to 130 KW and less than or equal to 368 KW.</p> <p>Filter = The CI ICE is not equipped with a diesel particulate filter.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p>	
COMP6	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1b	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = Compression ignition engine</p>	
COMP7	40 CFR Part 60, Subpart IIII	60IIII-C5	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Service = CI ICE is a non-emergency engine.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 04/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p> <p>Generator Set = The CI ICE is not a generator set engine.</p> <p>Model Year = CI ICE was manufactured in model year 2010.</p> <p>Kilowatts = Power rating greater than or equal to 130 KW and less than or equal to 368 KW.</p> <p>Filter = The CI ICE is not equipped with a diesel particulate filter.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p>	
COMP7	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1b	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = Compression ignition engine</p>	
COMP8	40 CFR Part 60, Subpart IIII	60IIII-C5	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is a non-emergency engine.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 04/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p> <p>Generator Set = The CI ICE is not a generator set engine.</p> <p>Model Year = CI ICE was manufactured in model year 2010.</p> <p>Kilowatts = Power rating greater than or equal to 130 KW and less than or equal to 368 KW.</p> <p>Filter = The CI ICE is not equipped with a diesel particulate filter.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
COMP8	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1b	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = Compression ignition engine</p>	
EG1	40 CFR Part 60, Subpart IIII	60IIII-T1d	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is an emergency engine.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 04/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder and engine is a constant-speed engine.</p> <p>Model Year = CI ICE was manufactured in model year 2012.</p> <p>Kilowatts = Power rating is greater than or equal to 37 KW and less than 75 KW.</p> <p>Standards = The emergency CI ICE meets the standards applicable to non-emergency engines.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p>	
EG1	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1d	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP less than 100 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).</p>	
EG2	40 CFR Part 60, Subpart IIII	60IIII-T1d	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is an emergency engine.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 04/01/2006.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder and engine is a constant-speed engine.</p> <p>Model Year = CI ICE was manufactured in model year 2012.</p> <p>Kilowatts = Power rating is greater than or equal to 37 KW and less than 75 KW.</p> <p>Standards = The emergency CI ICE meets the standards applicable to non-emergency engines.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p>	
EG2	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1d	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP less than 100 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).</p>	
EG3	40 CFR Part 60, Subpart IIII	60IIII-T1d	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is an emergency engine.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 04/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder and engine is a constant-speed engine.</p> <p>Model Year = CI ICE was manufactured in model year 2012.</p> <p>Kilowatts = Power rating greater than or equal to 130 KW and less than or equal to 368 KW.</p> <p>Standards = The emergency CI ICE meets the standards applicable to non-emergency engines.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p>	
EG3	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1d	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.</p>	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).</p>	
EG4	40 CFR Part 60, Subpart JJJJ	60JJJJ-T1	<p>Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification after June 12, 2006.</p> <p>Test Cell = The SI ICE is not being tested at an engine test cell/stand.</p> <p>Exemption = The SI ICE is not exempt.</p> <p>Temp Replacement = The SI ICE is not acting as a temporary replacement.</p> <p>Horsepower = Maximum engine power greater than or equal to 130 HP and less than 500 HP.</p> <p>Fuel = SI ICE that uses natural gas.</p> <p>Commencing = SI ICE that is commencing new construction.</p> <p>Manufactured Date = Date of manufacture is on or after January 1, 2011.</p> <p>Certified = Purchased a certified SI ICE.</p> <p>Operation = Operating and maintaining the certified SI ICE and control device according to manufacturer's written instructions.</p> <p>Service = SI ICE is an emergency engine.</p>	
EG4	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1e	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 100 HP and less than 250 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).</p>	
EG5	40 CFR Part 60, Subpart JJJJ	60JJJJ-T1	<p>Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification after June 12, 2006.</p> <p>Test Cell = The SI ICE is not being tested at an engine test cell/stand.</p> <p>Exemption = The SI ICE is not exempt.</p> <p>Temp Replacement = The SI ICE is not acting as a temporary replacement.</p> <p>Horsepower = Maximum engine power greater than or equal to 130 HP and less than 500 HP.</p> <p>Fuel = SI ICE that uses natural gas.</p> <p>Commencing = SI ICE that is commencing new construction.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Manufactured Date = Date of manufacture is on or after January 1, 2011.</p> <p>Certified = Purchased a certified SI ICE.</p> <p>Operation = Operating and maintaining the certified SI ICE and control device according to manufacturer's written instructions.</p> <p>Service = SI ICE is an emergency engine.</p>	
EG5	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1e	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 100 HP and less than 250 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).</p>	
FIREP-1	40 CFR Part 60, Subpart IIII	60IIII-T1c	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is a fire-pump engine, an emergency engine certified to National Fire Protection Association requirements.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 07/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p> <p>Model Year = CI ICE was manufactured prior to model year 2007.</p> <p>Kilowatts = Power rating is greater than or equal to 130 KW and less than or equal to 368 KW.</p> <p>Standards = The emergency CI ICE meets the standards applicable to non-emergency engines.</p> <p>Compliance Option = Records are being kept of manufacturer data according to §60.4211(b)(3).</p>	
FIREP-1	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1c	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 250 HP and less than 300 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).</p>	
FIREP-2	40 CFR Part 60, Subpart IIII	60IIII-T1c	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is a fire-pump engine, an emergency engine certified to National Fire Protection Association requirements.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 07/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p> <p>Model Year = CI ICE was manufactured in model year 2012.</p> <p>Kilowatts = Power rating is greater than or equal to 130 KW and less than or equal to 368 KW.</p> <p>Standards = The emergency CI ICE meets the standards applicable to non-emergency engines.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p>	
FIREP-2	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1c	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).</p>	
FIREP-3	40 CFR Part 60, Subpart IIII	60IIII-T1c	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Service = CI ICE is a fire-pump engine, an emergency engine certified to National Fire Protection Association requirements.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Manufacture Date = Date of manufacture was after 07/01/2006.</p> <p>Diesel = Diesel fuel is used.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Model Year = CI ICE was manufactured in model year 2012.</p> <p>Kilowatts = Power rating is greater than or equal to 130 KW and less than or equal to 368 KW.</p> <p>Standards = The emergency CI ICE meets the standards applicable to non-emergency engines.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p>	
FIREP-3	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-T1	<p>HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).</p>	
CONT	30 TAC Chapter 115, Storage of VOCs	R5112-5	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</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>	
CONT	30 TAC Chapter 115, Storage of VOCs	R5112-6	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</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>	
D-3106	30 TAC Chapter 115, Storage of VOCs	R115-TT3	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = True vapor pressure is less than 1.0 psia	
D-3106	40 CFR Part 60, Subpart Kb	60Kb-TTe	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 10,600 gallons but less than 19,813 gallons (capacity is greater than 40,000 liters but less than or equal to 75,000 liters)	
GRPEXT1	30 TAC Chapter 115, Storage of VOCs	R115-T1a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank (other than welded) using an external floating roof (EFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Rim-mounted	
GRPEXT1	30 TAC Chapter 115, Storage of VOCs	R115-T1b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank (other than welded) using an external floating roof (EFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia  Primary Seal = Mechanical shoe Secondary Seal = Rim-mounted	
GRPEXT1	30 TAC Chapter 115, Storage of VOCs	R115-T2a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank (other than welded) using an external floating roof (EFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Rim-mounted	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPEXT1	30 TAC Chapter 115, Storage of VOCs	R115-T2b	<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 = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank (other than welded) using an external floating roof (EFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Secondary Seal = Rim-mounted</p>	
GRPEXT1	40 CFR Part 63, Subpart CC	63CC-T1	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.</p> <p>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.</p>	
GRPEXT1	40 CFR Part 63, Subpart CC	63CC-T2	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)</p> <p>Existing Source = The storage vessel is at an existing source.</p> <p>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)</p> <p>Emission Control Type = External floating roof</p> <p>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal</p>	
GRPEXT3	30 TAC Chapter 115, Storage of VOCs	R115-T1a	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank (other than welded) using an external floating roof (EFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Primary Seal = Mechanical shoe Secondary Seal = Rim-mounted	
GRPEXT3	30 TAC Chapter 115, Storage of VOCs	R115-T1b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank (other than welded) using an external floating roof (EFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Rim-mounted	
GRPEXT3	30 TAC Chapter 115, Storage of VOCs	R115-T2a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank (other than welded) using an external floating roof (EFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Rim-mounted	
GRPEXT3	30 TAC Chapter 115, Storage of VOCs	R115-T2b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank (other than welded) using an external floating roof (EFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Secondary Seal = Rim-mounted	
GRPEXT3	40 CFR Part 61, Subpart FF	61FF-T1	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Seal Type = Mechanical shoe primary seal	
GRPEXT3	40 CFR Part 63, Subpart CC	63CC-T1	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.</p> <p>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.</p>	
GRPEXT3	40 CFR Part 63, Subpart CC	63CC-T2	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)</p> <p>Existing Source = The storage vessel is at an existing source.</p> <p>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)</p> <p>Emission Control Type = External floating roof</p> <p>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal</p>	
GRPEXT4	30 TAC Chapter 115, Storage of VOCs	R115-T1a	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank (other than welded) using an external floating roof (EFR)</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>Primary Seal = Mechanical shoe</p> <p>Secondary Seal = Rim-mounted</p>	
GRPEXT4	30 TAC Chapter 115, Storage of VOCs	R115-T1b	<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 = 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*	Changes and Exceptions to DSS**
			<p>Tank Description = Tank (other than welded) using an external floating roof (EFR)</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>Primary Seal = Mechanical shoe</p> <p>Secondary Seal = Rim-mounted</p>	
GRPEXT4	30 TAC Chapter 115, Storage of VOCs	R115-T2a	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank (other than welded) using an external floating roof (EFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Secondary Seal = Rim-mounted</p>	
GRPEXT4	30 TAC Chapter 115, Storage of VOCs	R115-T2b	<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 = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank (other than welded) using an external floating roof (EFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Secondary Seal = Rim-mounted</p>	
GRPEXT4	40 CFR Part 60, Subpart Kb	60Kb-T1	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	
GRPEXT4	40 CFR Part 60, Subpart Kb	60Kb-T2	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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 = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p>	
GRPEXT4	40 CFR Part 60, Subpart Kb	60Kb-T3	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters)</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<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 = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p>	
GRPEXT4	40 CFR Part 63, Subpart CC	63CC-T1a	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p>	
GRPEXT4	40 CFR Part 63, Subpart CC	63CC-T1b	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Crude oil</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>	
GRPEXT4	40 CFR Part 63, Subpart CC	63CC-T2a	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPEXT4	40 CFR Part 63, Subpart CC	63CC-T2b	<p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Crude oil</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>	
GRPEXT4	40 CFR Part 63, Subpart CC	63CC-T3a	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p>	
GRPEXT4	40 CFR Part 63, Subpart CC	63CC-T3b	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Crude oil</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia	
GRPEXT5	30 TAC Chapter 115, Storage of VOCs	R115-T1a	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank (other than welded) using an external floating roof (EFR)</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>Primary Seal = Mechanical shoe</p> <p>Secondary Seal = Rim-mounted</p>	
GRPEXT5	30 TAC Chapter 115, Storage of VOCs	R115-T1b	<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 = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank (other than welded) using an external floating roof (EFR)</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>Primary Seal = Mechanical shoe</p> <p>Secondary Seal = Rim-mounted</p>	
GRPEXT5	30 TAC Chapter 115, Storage of VOCs	R115-T2a	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank (other than welded) using an external floating roof (EFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Secondary Seal = Rim-mounted</p>	
GRPEXT5	30 TAC Chapter 115, Storage of VOCs	R115-T2b	<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 = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank (other than welded) using an external floating roof (EFR)</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Secondary Seal = Rim-mounted</p>	
GRPEXT5	40 CFR Part 60, Subpart Kb	60Kb-T1	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	
GRPEXT5	40 CFR Part 60, Subpart Kb	60Kb-T2	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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 = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p>	
GRPEXT5	40 CFR Part 60, Subpart Kb	60Kb-T3	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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 = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p>	
GRPEXT5	40 CFR Part 61, Subpart FF	61FF-T1	<p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.</p> <p>Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2)</p> <p>Seal Type = Mechanical shoe primary seal</p>	
GRPEXT5	40 CFR Part 63, Subpart CC	63CC-T1a	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPEXT5	40 CFR Part 63, Subpart CC	63CC-T1b	<p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Crude oil</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>	
GRPEXT5	40 CFR Part 63, Subpart CC	63CC-T2a	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p>	
GRPEXT5	40 CFR Part 63, Subpart CC	63CC-T2b	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Crude oil</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPEXT5	40 CFR Part 63, Subpart CC	63CC-T3a	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p>	
GRPEXT5	40 CFR Part 63, Subpart CC	63CC-T3b	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Crude oil</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>	
GRPINT2	30 TAC Chapter 115, Storage of VOCs	R115-T1a4	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</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>	
GRPINT2	30 TAC Chapter 115, Storage of VOCs	R115-T1b4	<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 = Crude oil and/or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Storage Capacity = Capacity is greater than 40,000 gallons</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>	
GRPINT2	30 TAC Chapter 115, Storage of VOCs	R115-T2a4	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</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>	
GRPINT2	30 TAC Chapter 115, Storage of VOCs	R115-T2b4	<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 = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</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>	
GRPINT2	40 CFR Part 60, Subpart Kb	60Kb-T1a	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	
GRPINT2	40 CFR Part 60, Subpart Kb	60Kb-T2a	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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>	
GRPINT2	40 CFR Part 60, Subpart Kb	60Kb-T3a	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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>	
GRPINT2	40 CFR Part 61, Subpart FF	61FF-T2	<p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p>	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.</p> <p>Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1)</p> <p>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the vessel and the edge of the internal floating roof.</p>	
GRPINT2	40 CFR Part 63, Subpart CC	63CC-T1a1	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>	
GRPINT2	40 CFR Part 63, Subpart CC	63CC-T1b1	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Crude oil</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>	
GRPINT2	40 CFR Part 63, Subpart CC	63CC-T2a1	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>	
GRPINT2	40 CFR Part 63, Subpart CC	63CC-T2b1	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Crude oil</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>	
GRPINT2	40 CFR Part 63, Subpart CC	63CC-T3a1	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = 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>	
GRPINT2	40 CFR Part 63, Subpart CC	63CC-T3b1	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Crude oil</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>	
GRPVERT1	30 TAC Chapter 115, Storage of VOCs	R5112-5	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</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>	
GRPVERT1	30 TAC Chapter 115, Storage of VOCs	R5112-6	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</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>	
GRPVERT1	40 CFR Part 63, Subpart CC	63CC-T1	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.</p> <p>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.</p>	
GRPVERT2 A	30 TAC Chapter 115, Storage of VOCs	R5112-5	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</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>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPVERT2 A	30 TAC Chapter 115, Storage of VOCs	R5112-6	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</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>	
GRPVERT2 A	40 CFR Part 60, Subpart Kb	60Kb-T1b	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	
GRPVERT2 A	40 CFR Part 60, Subpart Kb	60Kb-T2b	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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>	<p>Applicability expanded to provide operational flexibility for determining material vapor pressure</p> <p>-- Affected Pollutant - VOC:</p> <p>Added Monitoring/Testing [G]§ 60.116b(e)</p> <p>Deleted Monitoring/Testing § 60.116b(e)</p> <p>Deleted Monitoring/Testing § 60.116b(e)(1)</p> <p>Deleted Monitoring/Testing [G]§ 60.116b(e)(3)</p>
GRPVERT2 A	40 CFR Part 63, Subpart CC	63CC-T1a2	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = No floating roof</p>	
GRPVERT2 A	40 CFR Part 63, Subpart CC	63CC-T1b2	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Product Stored = Crude oil</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = No floating roof</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>	
GRPVERT2 A	40 CFR Part 63, Subpart CC	63CC-T2a2	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = No floating roof</p>	
GRPVERT2 A	40 CFR Part 63, Subpart CC	63CC-T2b2	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Crude oil</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = No floating roof</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>	
GRPVERT4	40 CFR Part 60, Subpart Kb	60Kb-T1d	<p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	
GRPVERT4	40 CFR Part 60, Subpart Kb	60Kb-T2e	<p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPVERT4	40 CFR Part 60, Subpart Kb	60Kb-T3f	<p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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>	
GRPVERT4	40 CFR Part 61, Subpart FF	61FF-T1	<p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device</p> <p>Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.</p> <p>Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.</p>	
GRPVERT4	40 CFR Part 63, Subpart CC	63CC-T1a2	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = No floating roof</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPVERT4	40 CFR Part 63, Subpart CC	63CC-T2a2	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is less than 0.75 psia</p> <p>Storage Vessel Description = No floating roof</p>	
GRPVERT4	40 CFR Part 63, Subpart CC	63CC-T3a2	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = No floating roof</p>	
T-135	30 TAC Chapter 115, Storage of VOCs	R5112-5	<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 = Gasoline from a storage container in motor vehicle fuel dispensing service (as defined in 30 TAC Chapter 115)</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</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>	
T-135	30 TAC Chapter 115, Storage of VOCs	R5112-6	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</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>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
T-135	40 CFR Part 63, Subpart CC	63CC-T1	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.</p> <p>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.</p>	
T-138	30 TAC Chapter 115, Storage of VOCs	R115-TTc	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized</p>	
T-138	40 CFR Part 60, Subpart Kb	60Kb-Tta	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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 = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p>	
T-4270	30 TAC Chapter 115, Storage of VOCs	R5112-3	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Control Device Type = Other vapor recovery unit</p>	
T-4270	30 TAC Chapter 115, Storage of VOCs	R5112-4	<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 = VOC other than crude oil or condensate</p>	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Control Device Type = Flare</p>	
T-4607	30 TAC Chapter 115, Storage of VOCs	R5112-3	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Control Device Type = Other vapor recovery unit</p>	
T-4607	30 TAC Chapter 115, Storage of VOCs	R5112-4	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Control Device Type = Flare</p>	
T-4607	40 CFR Part 60, Subpart Kb	60Kb-1	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	
T-4607	40 CFR Part 60, Subpart Kb	60Kb-2	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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 = CVS and control device other than a flare (fixed roof)</p>	
T-4607	40 CFR Part 60, Subpart Kb	60Kb-3	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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 = Closed vent system (CVS) with a flare used as the control device (fixed roof)</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
T-4607	40 CFR Part 60, Subpart Kb	60Kb-4	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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>	
T-4607	40 CFR Part 60, Subpart Kb	60Kb-5	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 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 = Closed vent system (CVS) with a flare used as the control device (fixed roof)</p>	
T-824	30 TAC Chapter 115, Storage of VOCs	R5140-1	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
T-824	40 CFR Part 60, Subpart Kb	60Kb-T2e	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 10,600 gallons but less than 19,813 gallons (capacity is greater than 40,000 liters but less than or equal to 75,000 liters)</p>	
T-824	40 CFR Part 61, Subpart FF	61FF-T1	<p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3).</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device</p> <p>Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.</p> <p>Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.</p>	
T-8402	30 TAC Chapter 115, Storage of VOCs	R115-T3	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</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>	
T-8402	30 TAC Chapter 115, Storage of VOCs	R115-TTf	<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 = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</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>	
T-8402	40 CFR Part 60, Subpart Kb	60Kb-TTb	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	
WAXCLD	40 CFR Part 63, Subpart CC	63CC-T1	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is part of a process specified in 40 CFR § 63.640(g)(1)-(6).</p>	
F-1013	40 CFR Part 60, Subpart Db	60Db-H1	<p>Construction/Modification Date = Modified after February 28, 2005.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p>	<p>-- Affected Pollutant - SO2: Added Main Standard § 60.40b(c)</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>D-Series Fuel Type #1 = Natural gas.</p> <p>D-Series Fuel Type #2 = Gaseous fossil fuel other than natural gas and coal-derived synthetic fuel meeting the definition of natural gas.</p> <p>Subpart J = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart E = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart E.</p> <p>ACF Option - SO<sub>2</sub> = Other ACF or no ACF.</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>ACF Option - NO<sub>x</sub> = Other ACF or no ACF.</p> <p>60.42b(k)(2) Low Sulfur Exemption = The § 60.42b(k)(2) exemption applies.</p> <p>60.43b(h)(2) Alternative = The facility is not electing to use the alternative requirements of § 60.43b(h)(2) for PM.</p> <p>Electrical or Mechanical Output = 10% or less of the annual output is electrical or mechanical.</p> <p>60.49Da(n) Alternative = The facility is not using the § 60.49Da(n) alternative.</p> <p>60.49Da(m) Alternative = The facility is not using the § 60.49Da(m) alternative.</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Opacity Monitoring Type = Continuous emissions monitoring system for carbon monoxide (CO) installed and operated per 40 CFR § 60.48b(j)(4)</p> <p>NO<sub>x</sub> Monitoring Type = Continuous emission monitoring system.</p> <p>SO<sub>2</sub> Monitoring Type = No SO<sub>2</sub> monitoring.</p> <p>Technology Type = None.</p> <p>Unit Type = OTHER UNIT TYPE</p> <p>Heat Release Rate = Natural gas oil with a heat release rate greater than 70 MBtu/hr/ft<sup>3</sup>.</p> <p>Heat Input Wood = The facility combusts no wood or less than 30% wood by heat input.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-1013	40 CFR Part 63, Subpart DDDDD	63DDDDD-H1	Construction/Reconstruction Date = Construction or reconstruction began after June 4, 2010.	
GRPHB5	40 CFR Part 60, Subpart Dc	60Dc-H1	<p>Construction/Modification Date = After February 28, 2005.</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>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>Heat Input Capacity = Heat input capacity is less than or equal to 10 MMBtu/hr (2.9 MW).</p> <p>D-Series Fuel Type = Natural gas.</p> <p>ACF Option - SO<sub>2</sub> = 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> <p>PM Monitoring Type = No particulate monitoring.</p> <p>SO<sub>2</sub> Inlet Monitoring Type = No SO<sub>2</sub> monitoring.</p> <p>SO<sub>2</sub> Outlet Monitoring Type = No SO<sub>2</sub> monitoring.</p> <p>Technology Type = None.</p> <p>47C-Option = COMS exemption § 60.47c(e) for a facility not using post-combustion technology (except a wet scrubber), burns only gaseous fuels or fuel oils that contain no more than 0.5 % by weight sulfur, and emissions of CO are 0.15 lb/MMBtu average.</p>	
GRPHB5	40 CFR Part 63, Subpart DDDDD	63DDDDD-H1	Construction/Reconstruction Date = Construction or reconstruction began after June 4, 2010.	
112	30 TAC Chapter 111, Visible Emissions	R111-M1	<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 only under emergency or upset conditions.</p>	
112	30 TAC Chapter 111, Visible Emissions	R7101-1	<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> <p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>Construction Date = Newest source routing emissions to the flare began construction after January 31, 1972.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
112	40 CFR Part 60, Subpart A	60A-1	<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)(i)-(iii) or (c)(5).</p> <p>Flare Assist Type = Steam-assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).</p>	
112	40 CFR Part 60, Subpart A	60A-1a	<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)(i)-(iii) or (c)(5).</p> <p>Flare Assist Type = Steam-assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)</p>	
112	40 CFR Part 63, Subpart A	63A-1	<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 = Steam assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).</p>	
112	40 CFR Part 63, Subpart A	63A-1a	<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 = Steam assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).</p>	
112	40 CFR Part 63, Subpart CC	63CC-1	<p>Flare Control Device = Flare used as a control device for an affected source subject to 40 CFR Part 63, Subpart CC.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
D-2914	30 TAC Chapter 111, Visible Emissions	R111-M1	<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 only under emergency or upset conditions.</p>	
D-2914	30 TAC Chapter 111, Visible Emissions	R7101-1	<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> <p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>Construction Date = Newest source routing emissions to the flare began construction after January 31, 1972.</p>	
D-2914	40 CFR Part 60, Subpart A	60A-1	<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)(i)-(iii) or (c)(5).</p> <p>Flare Assist Type = Steam-assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).</p>	
D-2914	40 CFR Part 60, Subpart A	60A-1a	<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)(i)-(iii) or (c)(5).</p> <p>Flare Assist Type = Steam-assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)</p>	
D-2914	40 CFR Part 63, Subpart A	63A-1	<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 = Steam assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
D-2914	40 CFR Part 63, Subpart A	63A-1a	<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 = Steam assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).</p>	
D-2914	40 CFR Part 63, Subpart CC	63CC-1	<p>Flare Control Device = Flare used as a control device for an affected source subject to 40 CFR Part 63, Subpart CC.</p>	
R-2911	30 TAC Chapter 111, Visible Emissions	R111-M1	<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 only under emergency or upset conditions.</p>	
R-2911	30 TAC Chapter 111, Visible Emissions	R7101-1	<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> <p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>Construction Date = Newest source routing emissions to the flare began construction on or before January 31, 1972.</p>	
R-2911	40 CFR Part 60, Subpart A	60A-1	<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)(i)-(iii) or (c)(5).</p> <p>Flare Assist Type = Steam-assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).</p>	
R-2911	40 CFR Part 60, Subpart A	60A-1a	<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)(i)-(iii) or (c)(5).</p> <p>Flare Assist Type = Steam-assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p>	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)	
R-2911	40 CFR Part 63, Subpart A	63A-1	<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 = Steam assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).</p>	
R-2911	40 CFR Part 63, Subpart A	63A-1a	<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 = Steam assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).</p>	
R-2911	40 CFR Part 63, Subpart CC	63CC-1	Flare Control Device = Flare used as a control device for an affected source subject to 40 CFR Part 63, Subpart CC.	
F-5	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R115-ALL	<p>Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10.</p> <p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p> <p>Weight Percent VOC = Components in the fugitive unit contact process fluids that contain less than 10% VOC by weight and process fluids that contains VOC at 10%, or greater, by weight.</p> <p>Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations.</p> <p>Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks.</p> <p>Instrumentation Systems = The fugitive unit has instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>TVP 0.002 PSIA or Less = The fugitive unit has components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit.</p> <p>Process Drains = The fugitive unit has process drains.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Process drains are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Pressure Relief Valves = The fugitive unit contains pressure relief valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested.</p> <p>Open-ended Valves = The fugitive unit contains open-ended valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested.</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 PSIA AT 68° F = Open-ended valves or lines contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 PSIA AT 68° F = Open-ended valves contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for valves or no alternate has been requested.</p> <p>Flanges = The fugitive unit contains flanges.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for flanges or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 PSIA AT 68° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 PSIA AT 68° F = Flanges contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Compressor Seals = The fugitive unit contains compressor seals.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Compressor seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1).</p> <p>Pump Seals = The fugitive unit contains pump seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1).</p>	
F-5	40 CFR Part 63, Subpart CC	63CC-F1	<p>EXISTING SOURCE = YES</p> <p>COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES</p> <p>VACUUM SERVICE = YES</p> <p>PUMP IN LIGHT LIQUID SERVICE = YES</p> <p>PUMP EQUIVALENT EMISSION LIMITATION = NO</p> <p>PUMP COMPLYING WITH § 60.482-2 = YES</p> <p>PUMP IN HEAVY LIQUID SERVICE = YES</p> <p>PUMP EQUIVALENT EMISSION LIMITATION = NO</p> <p>PUMP COMPLYING WITH § 60.482-8 = YES</p> <p>COMPRESSOR IN HYDROGEN SERVICE = NO</p> <p>COMPRESSOR NOT IN HYDROGEN SERVICE = YES</p> <p>COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO</p> <p>COMPRESSOR COMPLYING WITH § 60.482-3 = YES</p> <p>PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES</p> <p>PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES</p> <p>PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES</p> <p>EQUIVALENT EMISSION LIMIT = NO</p> <p>COMPLYING WITH §60.482-8 = YES</p> <p>PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = YES</p> <p>EQUIVALENT EMISSION LIMIT = NO</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>COMPLYING WITH § 60.482-8 = YES</p> <p>SAMPLING CONNECTION SYSTEMS = YES</p> <p>SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO</p> <p>SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES</p> <p>OPEN-ENDED VALVES OR LINES = YES</p> <p>OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO</p> <p>OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES</p> <p>VALVES IN HEAVY LIQUID SERVICE = YES</p> <p>VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO</p> <p>VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES</p> <p>FLANGES AND OTHER CONNECTORS = YES</p> <p>FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO</p> <p>FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES</p> <p>VAPOR RECOVERY SYSTEM = NO</p> <p>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO</p> <p>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO</p> <p>ENCLOSED COMBUSTION DEVICE = NO</p> <p>ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO</p> <p>ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO</p> <p>FLARE = NO</p> <p>FLARE EQUIVALENT EMISSION LIMITATION = NO</p> <p>FLARE COMPLYING WITH §60.482-10 = NO</p> <p>CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES</p> <p>CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO</p> <p>CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES</p>	
F-8	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R115-ALL	<p>Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10.</p> <p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Weight Percent VOC = Components in the fugitive unit contact process fluids that contain less than 10% VOC by weight and process fluids that contains VOC at 10%, or greater, by weight.</p> <p>Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations.</p> <p>Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks.</p> <p>Instrumentation Systems = The fugitive unit has instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>TVP 0.002 PSIA or Less = The fugitive unit has components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit.</p> <p>Process Drains = The fugitive unit has process drains.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Process drains are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Pressure Relief Valves = The fugitive unit contains pressure relief valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested.</p> <p>Open-ended Valves = The fugitive unit contains open-ended valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Open-ended valves or lines contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Open-ended valves contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for valves or no alternate has been requested.</p> <p>Flanges = The fugitive unit contains flanges.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for flanges or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Flanges contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Compressor Seals = The fugitive unit contains compressor seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Compressor seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1).</p> <p>Pump Seals = The fugitive unit contains pump seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1).</p>	
F-8	40 CFR Part 63, Subpart CC	63CC-F1	<p>EXISTING SOURCE = YES</p> <p>COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES</p> <p>VACUUM SERVICE = YES</p> <p>PUMP IN LIGHT LIQUID SERVICE = YES</p> <p>PUMP EQUIVALENT EMISSION LIMITATION = NO</p> <p>PUMP COMPLYING WITH § 60.482-2 = YES</p> <p>PUMP IN HEAVY LIQUID SERVICE = YES</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>PUMP EQUIVALENT EMISSION LIMITATION = NO  PUMP COMPLYING WITH § 60.482-8 = YES  COMPRESSOR IN HYDROGEN SERVICE = NO  COMPRESSOR NOT IN HYDROGEN SERVICE = YES  COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO  COMPRESSOR COMPLYING WITH § 60.482-3 = YES  PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES  PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES  PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES  EQUIVALENT EMISSION LIMIT = NO  COMPLYING WITH §60.482-8 = YES  PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = YES  EQUIVALENT EMISSION LIMIT = NO  COMPLYING WITH § 60.482-8 = YES  SAMPLING CONNECTION SYSTEMS = YES  SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO  SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES  OPEN-ENDED VALVES OR LINES = YES  OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO  OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES  VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES  VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO  VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES  VALVES IN HEAVY LIQUID SERVICE = YES  VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO  VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES  FLANGES AND OTHER CONNECTORS = YES  FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO  FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES  VAPOR RECOVERY SYSTEM = NO  VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO  VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO  ENCLOSED COMBUSTION DEVICE = NO  ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO  ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>FLARE = NO</p> <p>FLARE EQUIVALENT EMISSION LIMITATION = NO</p> <p>FLARE COMPLYING WITH §60.482-10 = NO</p> <p>CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES</p> <p>CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO</p> <p>CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES</p>	
F-90	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R115-ALL	<p>Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10.</p> <p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p> <p>Weight Percent VOC = Components in the fugitive unit contact process fluids that contain less than 10% VOC by weight and process fluids that contains VOC at 10%, or greater, by weight.</p> <p>Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations.</p> <p>Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks.</p> <p>Instrumentation Systems = The fugitive unit has instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>TVP 0.002 PSIA or Less = The fugitive unit has components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit.</p> <p>Process Drains = The fugitive unit has process drains.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Process drains are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Process drains do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Pressure Relief Valves = The fugitive unit contains pressure relief valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an</p>	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Pressure relief valves are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP of less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP <math>&gt;</math> 0.044 psia at 68° F.</p> <p>Open-ended Valves = The fugitive unit contains open-ended valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 PSIA AT 68° ° F = Open-ended valves or lines contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 PSIA AT 68° F = Open-ended valves contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Valves are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 psia at 68° F = Valves contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 psia at 68° F = Valves contact a process fluid with a TVP greater than 0.044 psia at 68° F.</p> <p>Flanges = The fugitive unit contains flanges.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for flanges or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 PSIA AT 68° ° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 PSIA AT 68° F = Flanges contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Agitators = The fugitive unit does not contain agitators.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for agitators or no alternate has been requested.</p> <p>Complying With § 115.352(1) = Agitators are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 psia at 68° F = No agitators contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC &gt; 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F.</p> <p>Compressor Seals = The fugitive unit contains compressor seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested.</p> <p>50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume.</p> <p>Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Compressor seals do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1).</p> <p>Pump Seals = The fugitive unit contains pump seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested.</p> <p>Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1).</p> <p>Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.</p>	
F-90	40 CFR Part 60, Subpart GGGa	60GGGa-ALL	Construction/Modification Date = Affected facility was constructed, reconstructed or modified after November 7, 2006.	
F-90	40 CFR Part 61, Subpart J	61J-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN BENZENE SERVICE SUBJECT TO NESHAPS J WITH NO ALTERNATE CONTROL OR CONTROL DEVICE	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<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>	
F-90	40 CFR Part 63, Subpart CC	63CC-ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES STANDARD FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC/VHAP SERVICE SUBJECT TO MACT CC</p> <p>EXISTING SOURCE = NO</p> <p>VACUUM SERVICE = NO</p> <p>PUMP IN LIGHT LIQUID SERVICE = YES</p> <p>PUMP COMPLYING WITH § 60.482-2 = YES</p> <p>PUMP IN HEAVY LIQUID SERVICE = YES</p> <p>PUMP COMPLYING WITH § 60.482-8 = YES</p> <p>COMPRESSOR IN HYDROGEN SERVICE = YES</p> <p>COMPRESSOR NOT IN HYDROGEN SERVICE = YES</p> <p>COMPRESSOR COMPLYING WITH § 60.482-3 = YES</p> <p>PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES</p> <p>PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES</p> <p>PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES</p> <p>COMPLYING WITH §60.482-8 = YES</p> <p>PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = YES</p> <p>COMPLYING WITH § 60.482-8 = YES</p> <p>SAMPLING CONNECTION SYSTEMS = YES</p> <p>SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES</p> <p>OPEN-ENDED VALVES OR LINES = YES</p> <p>OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES</p> <p>VALVES IN HEAVY LIQUID SERVICE = YES</p> <p>VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES</p> <p>FLANGES AND OTHER CONNECTORS = YES</p> <p>FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES</p> <p>VAPOR RECOVERY SYSTEM = NO</p> <p>ENCLOSED COMBUSTION DEVICE = NO</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>FLARE = YES</p> <p>FLARE COMPLYING WITH §60.482-10 = YES</p> <p>CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO</p>	
GRPREFFU G1	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R115-ALL	<p>Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10.</p> <p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p> <p>Weight Percent VOC = Components in the fugitive unit contact process fluids that contain less than 10% VOC by weight and process fluids that contains VOC at 10%, or greater, by weight.</p> <p>Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations.</p> <p>Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks.</p> <p>Instrumentation Systems = The fugitive unit has instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>TVP 0.002 PSIA or Less = The fugitive unit has components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit.</p> <p>Process Drains = The fugitive unit has process drains.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Process drains are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Pressure Relief Valves = The fugitive unit contains pressure relief valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Pressure relief valves are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP of less than or equal to 0.044 psia at 68° F.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>TVP of Process Fluid VOC &gt; 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP &gt; 0.044 psia at 68° F.</p> <p>Open-ended Valves = The fugitive unit contains open-ended valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° ° F = Open-ended valves or lines contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Open-ended valves contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Valves are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 psia at 68° F = Valves contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC &gt; 0.044 psia at 68° F = Valves contact a process fluid with a TVP greater than 0.044 psia at 68° F.</p> <p>Flanges = The fugitive unit contains flanges.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for flanges or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° ° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Flanges contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Agitators = The fugitive unit contains agitators.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for agitators or no alternate has been requested.</p> <p>Complying With § 115.352(1) = Agitators are complying with § 115.352(1).</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>TVP of Process Fluid VOC &lt;= 0.044 psia at 68° F = Agitators contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC &gt; 0.044 psia at 68° F = Agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F.</p> <p>Compressor Seals = The fugitive unit contains compressor seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested.</p> <p>50% by Volume = Compressors are in hydrogen service and the hydrogen content can be reasonably expected to always exceed 50% by volume.</p> <p>Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Compressor seals do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1).</p> <p>Pump Seals = The fugitive unit contains pump seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested.</p> <p>Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1).</p> <p>Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.</p>	
GRPREFFU G1	40 CFR Part 60, Subpart GGG	60GGG-ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983</p> <p>AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO</p> <p>EQUIPMENT IN VACUUM SERVICE = NO</p> <p>PUMPS IN LIGHT LIQUID SERVICE = YES</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-2 = YES</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>PUMPS IN HEAVY LIQUID SERVICE = YES</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-8 = YES</p> <p>ANY COMPRESSORS = YES</p> <p>COMPRESSORS IN HYDROGEN SERVICE = ALL OR SOME COMPRESSORS ARE IN HYDROGEN SERVICE</p> <p>RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = NO</p> <p>COMPLYING WITH § 60.482-3 = YES</p> <p>PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES</p> <p>PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-8 = YES</p> <p>SAMPLING CONNECTION SYSTEMS = YES</p> <p>COMPLYING WITH § 60.482-5 = YES</p> <p>OPEN-ENDED VALVES OR LINES = YES</p> <p>COMPLYING WITH § 60.482-6 = YES</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES</p> <p>COMPLYING WITH § 60.482-7 = YES</p> <p>VALVES IN HEAVY LIQUID SERVICE = YES</p> <p>COMPLYING WITH § 60.482-8 = YES</p> <p>FLANGES AND OTHER CONNECTORS = YES</p> <p>COMPLYING WITH § 60.482-8 = YES</p> <p>VAPOR RECOVERY SYSTEM = NO</p> <p>ENCLOSED COMBUSTION DEVICE = NO</p> <p>FLARE = YES</p> <p>COMPLYING WITH § 60.482-10 = YES</p> <p>CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO</p>	
GRPREFFU G1	40 CFR Part 63, Subpart CC	63CCVV-ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES</p> <p>EXISTING SOURCE = YES</p> <p>COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES</p> <p>VACUUM SERVICE = YES</p> <p>PUMP IN LIGHT LIQUID SERVICE = YES</p> <p>PUMP COMPLYING WITH § 60.482-2 = YES</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>PUMP IN HEAVY LIQUID SERVICE = YES</p> <p>PUMP COMPLYING WITH § 60.482-8 = YES</p> <p>COMPRESSOR IN HYDROGEN SERVICE = YES</p> <p>COMPRESSOR NOT IN HYDROGEN SERVICE = YES</p> <p>COMPRESSOR COMPLYING WITH § 60.482-3 = YES</p> <p>PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES</p> <p>PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES</p> <p>PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES</p> <p>COMPLYING WITH §60.482-8 = YES</p> <p>PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = YES</p> <p>COMPLYING WITH § 60.482-8 = YES</p> <p>SAMPLING CONNECTION SYSTEMS = YES</p> <p>SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES</p> <p>OPEN-ENDED VALVES OR LINES = YES</p> <p>OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES</p> <p>VALVES IN HEAVY LIQUID SERVICE = YES</p> <p>VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES</p> <p>FLANGES AND OTHER CONNECTORS = YES</p> <p>FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES</p> <p>VAPOR RECOVERY SYSTEM = NO</p> <p>ENCLOSED COMBUSTION DEVICE = NO</p> <p>FLARE = YES</p> <p>FLARE COMPLYING WITH §60.482-10 = YES</p> <p>CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO</p>	
GRPREFFU G2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R115-ALL	<p>Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10.</p> <p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p> <p>Weight Percent VOC = Components in the fugitive unit contact process fluids that contain less than 10% VOC by weight and process fluids that contains VOC at 10%, or greater, by weight.</p> <p>Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations.</p>	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks.</p> <p>Instrumentation Systems = The fugitive unit has instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>TVP 0.002 PSIA or Less = The fugitive unit has components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit.</p> <p>Process Drains = The fugitive unit has process drains.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Process drains are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Pressure Relief Valves = The fugitive unit contains pressure relief valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Pressure relief valves are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP of less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC &gt; 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP &gt; 0.044 psia at 68° F.</p> <p>Open-ended Valves = The fugitive unit contains open-ended valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Open-ended valves or lines contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Open-ended valves contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Valves are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 psia at 68° F = Valves contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC &gt; 0.044 psia at 68° F = Valves contact a process fluid with a TVP greater than 0.044 psia at 68° F.</p> <p>Flanges = The fugitive unit contains flanges.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for flanges or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Flanges contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Agitators = The fugitive unit does not contain agitators.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for agitators or no alternate has been requested.</p> <p>Complying With § 115.352(1) = Agitators are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 psia at 68° F = No agitators contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC &gt; 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F.</p> <p>Compressor Seals = The fugitive unit does not contain compressor seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested.</p> <p>50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume.</p> <p>Pump Seals = The fugitive unit contains pump seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1).</p> <p>Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.</p>	
GRPREFFU G2	40 CFR Part 60, Subpart GGG	60GGG-ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983</p> <p>AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO</p> <p>EQUIPMENT IN VACUUM SERVICE = YES</p> <p>PUMPS IN LIGHT LIQUID SERVICE = YES</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-2 = YES</p> <p>PUMPS IN HEAVY LIQUID SERVICE = YES</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-8 = YES</p> <p>ANY COMPRESSORS = NO</p> <p>COMPRESSORS IN HYDROGEN SERVICE = NO COMPRESSORS IN HYDROGEN SERVICE</p> <p>PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES</p> <p>PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-8 = YES</p> <p>SAMPLING CONNECTION SYSTEMS = YES</p> <p>COMPLYING WITH § 60.482-5 = YES</p> <p>OPEN-ENDED VALVES OR LINES = YES</p> <p>COMPLYING WITH § 60.482-6 = YES</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES</p> <p>COMPLYING WITH § 60.482-7 = YES</p> <p>VALVES IN HEAVY LIQUID SERVICE = YES</p> <p>COMPLYING WITH § 60.482-8 = YES</p> <p>FLANGES AND OTHER CONNECTORS = YES</p> <p>COMPLYING WITH § 60.482-8 = YES</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			VAPOR RECOVERY SYSTEM = NO ENCLOSED COMBUSTION DEVICE = NO FLARE = YES COMPLYING WITH § 60.482-10 = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO	
GRPREFFU G2	40 CFR Part 61, Subpart J	61J-1	40 CFR 61 (NESHAP) SUBPART J DESIGN CAPACITY = SITE IS DESIGNED TO PRODUCE OR USE 1,000 MEGAGRAMS OF BENZENE PER YEAR OR LESS ANY COMPONENT IN BENZENE SERVICE [NESHAP J] = THE FACILITY CONTAINS NO COMPONENT(S) IN BENZENE SERVICE 40 CFR 61 (NESHAP) SUBPART J ALTERNATE MEANS OF EMISSION LIMITATION (AMEL) = NOT USING ALTERNATE MEANS OF EMISSION LIMITATION.	
GRPREFFU G2	40 CFR Part 63, Subpart CC	63CCVV-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES VACUUM SERVICE = YES PUMP IN LIGHT LIQUID SERVICE = YES PUMP COMPLYING WITH § 60.482-2 = YES PUMP IN HEAVY LIQUID SERVICE = YES PUMP COMPLYING WITH § 60.482-8 = YES COMPRESSOR IN HYDROGEN SERVICE = NO COMPRESSOR NOT IN HYDROGEN SERVICE = NO PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES COMPLYING WITH §60.482-8 = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = YES COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES OPEN-ENDED VALVES OR LINES = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			VALVES IN HEAVY LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS = YES FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM = NO ENCLOSED COMBUSTION DEVICE = NO FLARE = YES FLARE COMPLYING WITH §60.482-10 = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO	
GRPREFFU G4	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R115-ALL	Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Weight Percent VOC = Components in the fugitive unit contact process fluids that contain less than 10% VOC by weight and process fluids that contains VOC at 10%, or greater, by weight. Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks. Instrumentation Systems = The fugitive unit has instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. TVP 0.002 PSIA or Less = The fugitive unit has components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit. Process Drains = The fugitive unit has process drains. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Process drains are complying with the requirements in 30 TAC § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68° F = Process drains do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Pressure Relief Valves = The fugitive unit contains pressure relief valves.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Pressure relief valves are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 psia at 68° F = No pressure relief valves contact a process fluid with a TVP of less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC &gt; 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP &gt; 0.044 psia at 68° F.</p> <p>Open-ended Valves = The fugitive unit contains open-ended valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Open-ended valves or lines do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Open-ended valves contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Valves are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 psia at 68° F = Valves contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC &gt; 0.044 psia at 68° F = Valves contact a process fluid with a TVP greater than 0.044 psia at 68° F.</p> <p>Flanges = The fugitive unit contains flanges.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for flanges or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Flanges do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Flanges contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Agitators = The fugitive unit does not contain agitators.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for agitators or no alternate has been requested.</p> <p>Complying With § 115.352(1) = Agitators are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 psia at 68° F = No agitators contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC &gt; 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F.</p> <p>Compressor Seals = The fugitive unit contains compressor seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested.</p> <p>50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume.</p> <p>Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Compressor seals do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1).</p> <p>Pump Seals = The fugitive unit contains pump seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested.</p> <p>Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1).</p> <p>Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.</p>	
GRPREFFU G4	40 CFR Part 60, Subpart GGGa	60GGGa-ALL	Construction/Modification Date = Affected facility was constructed, reconstructed or modified after November 7, 2006.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPREFFU G4	40 CFR Part 63, Subpart CC	63CC-ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES STANDARD FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC/VHAP SERVICE SUBJECT TO MACT CC</p> <p>EXISTING SOURCE = NO</p> <p>VACUUM SERVICE = NO</p> <p>PUMP IN LIGHT LIQUID SERVICE = YES</p> <p>PUMP COMPLYING WITH § 60.482-2 = YES</p> <p>PUMP IN HEAVY LIQUID SERVICE = YES</p> <p>PUMP COMPLYING WITH § 60.482-8 = YES</p> <p>COMPRESSOR IN HYDROGEN SERVICE = YES</p> <p>COMPRESSOR NOT IN HYDROGEN SERVICE = YES</p> <p>COMPRESSOR COMPLYING WITH § 60.482-3 = YES</p> <p>PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES</p> <p>PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES</p> <p>PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES</p> <p>COMPLYING WITH §60.482-8 = YES</p> <p>PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = YES</p> <p>COMPLYING WITH § 60.482-8 = YES</p> <p>SAMPLING CONNECTION SYSTEMS = YES</p> <p>SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES</p> <p>OPEN-ENDED VALVES OR LINES = YES</p> <p>OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES</p> <p>VALVES IN HEAVY LIQUID SERVICE = YES</p> <p>VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES</p> <p>FLANGES AND OTHER CONNECTORS = YES</p> <p>FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES</p> <p>VAPOR RECOVERY SYSTEM = NO</p> <p>ENCLOSED COMBUSTION DEVICE = NO</p> <p>FLARE = YES</p> <p>FLARE COMPLYING WITH §60.482-10 = YES</p> <p>CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO</p>	
H2FUG	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R115-F1	<p>Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10.</p>	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p> <p>Weight Percent VOC = All components only contact a process fluid that contains less than 10% VOC by weight.</p> <p>Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.</p>	
H2FUG	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R115-F2	<p>Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10.</p> <p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p> <p>Weight Percent VOC = Components in the fugitive unit contact process fluids that contain less than 10% VOC by weight and process fluids that contains VOC at 10%, or greater, by weight.</p> <p>Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit does not have reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations.</p> <p>Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks.</p> <p>Instrumentation Systems = The fugitive unit does not have instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>Sampling Connection Systems = The fugitive unit does not have sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>TVP 0.002 PSIA or Less = The fugitive unit does not have components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit.</p> <p>Process Drains = The fugitive unit has process drains.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Process drains are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Process drains do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Pressure Relief Valves = The fugitive unit contains pressure relief valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Pressure relief valves are complying with § 115.352(1).</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>TVP of Process Fluid VOC <math>\leq</math> 0.044 psia at 68° F = No pressure relief valves contact a process fluid with a TVP of less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP <math>&gt;</math> 0.044 psia at 68° F.</p> <p>Open-ended Valves = The fugitive unit contains open-ended valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 PSIA AT 68° ° F = Open-ended valves or lines do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 PSIA AT 68° F = Open-ended valves contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for valves or no alternate has been requested.</p> <p>Complying with § 115.352(1) = Valves are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 psia at 68° F = No valves contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 psia at 68° F = Valves contact a process fluid with a TVP greater than 0.044 psia at 68° F.</p> <p>Flanges = The fugitive unit contains flanges.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for flanges or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 PSIA AT 68° ° F = Flanges do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 PSIA AT 68° F = Flanges contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Agitators = The fugitive unit does not contain agitators.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for agitators or no alternate has been requested.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Complying With § 115.352(1) = Agitators are complying with § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 psia at 68° F = No agitators contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F.</p> <p>TVP of Process Fluid VOC &gt; 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F.</p> <p>Compressor Seals = The fugitive unit does not contain compressor seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested.</p> <p>50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume.</p> <p>Pump Seals = The fugitive unit contains pump seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested.</p> <p>Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° ° F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1).</p> <p>Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.</p>	
H2FUG	40 CFR Part 60, Subpart GGG	60GGG-F1	<p>CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983</p> <p>AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO</p> <p>EQUIPMENT IN VACUUM SERVICE = NO</p> <p>PUMPS IN LIGHT LIQUID SERVICE = NO</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>ANY COMPRESSORS = NO</p> <p>COMPRESSORS IN HYDROGEN SERVICE = NO COMPRESSORS IN HYDROGEN SERVICE</p> <p>PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES</p> <p>PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-8 = YES</p> <p>SAMPLING CONNECTION SYSTEMS = YES</p> <p>COMPLYING WITH § 60.482-5 = YES</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			OPEN-ENDED VALVES OR LINES = YES COMPLYING WITH § 60.482-6 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES COMPLYING WITH § 60.482-7 = YES VALVES IN HEAVY LIQUID SERVICE = NO COMPLYING WITH § 60.482-8 = NO FLANGES AND OTHER CONNECTORS = YES COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM = NO ENCLOSED COMBUSTION DEVICE = NO FLARE = YES COMPLYING WITH § 60.482-10 = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO	
H2FUG	40 CFR Part 60, Subpart GGG	60GGG-F2	CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EQUIPMENT IN VACUUM SERVICE = NO PUMPS IN LIGHT LIQUID SERVICE = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED ANY COMPRESSORS = NO COMPRESSORS IN HYDROGEN SERVICE = NO COMPRESSORS IN HYDROGEN SERVICE PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED SAMPLING CONNECTION SYSTEMS = YES COMPLYING WITH § 60.482-5 = YES OPEN-ENDED VALVES OR LINES = YES COMPLYING WITH § 60.482-6 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = NO COMPLYING WITH § 60.482-7 = NO VALVES IN HEAVY LIQUID SERVICE = NO COMPLYING WITH § 60.482-8 = NO FLANGES AND OTHER CONNECTORS = YES COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM = NO ENCLOSED COMBUSTION DEVICE = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			FLARE = YES COMPLYING WITH § 60.482-10 = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO	
H2FUG	40 CFR Part 63, Subpart CC	63CC-F1	EXISTING SOURCE = NO AMEL = YES ENCLOSED-VENTED PROCESS UNIT AMEL = YES GENERAL AMEL = NO UNITS WITHOUT AN AMEL = NO	
LE-FUG	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R115-ALL	<p>Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10.</p> <p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p> <p>Weight Percent VOC = Components in the fugitive unit contact process fluids that contain less than 10% VOC by weight and process fluids that contains VOC at 10%, or greater, by weight.</p> <p>Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations.</p> <p>Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks.</p> <p>Instrumentation Systems = The fugitive unit has instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.</p> <p>TVP 0.002 PSIA or Less = The fugitive unit has components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit.</p> <p>Process Drains = The fugitive unit has process drains.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Process drains are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC &gt; 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Pressure Relief Valves = The fugitive unit contains pressure relief valves.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested.</p> <p>Open-ended Valves = The fugitive unit contains open-ended valves.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested.</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 PSIA AT 68° F = Open-ended valves or lines contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 PSIA AT 68° F = Open-ended valves contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for valves or no alternate has been requested.</p> <p>Flanges = The fugitive unit contains flanges.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for flanges or no alternate has been requested.</p> <p>Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1).</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 PSIA AT 68° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>TVP of Process Fluid VOC <math>&gt;</math> 0.044 PSIA AT 68° F = Flanges contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit.</p> <p>Compressor Seals = The fugitive unit contains compressor seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested.</p> <p>TVP of Process Fluid VOC <math>\leq</math> 0.044 PSIA AT 68° F = Compressor seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1).</p> <p>Pump Seals = The fugitive unit contains pump seals.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>alternate control requirement or exemption criteria for pump seals or no alternate has been requested.</p> <p>TVP of Process Fluid VOC &lt;= 0.044 PSIA AT 68° F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.</p> <p>Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1).</p>	
LE-FUG	40 CFR Part 63, Subpart CC	63CC-F1	<p>EXISTING SOURCE = YES</p> <p>COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES</p> <p>VACUUM SERVICE = YES</p> <p>PUMP IN LIGHT LIQUID SERVICE = YES</p> <p>PUMP EQUIVALENT EMISSION LIMITATION = NO</p> <p>PUMP COMPLYING WITH § 60.482-2 = YES</p> <p>PUMP IN HEAVY LIQUID SERVICE = YES</p> <p>PUMP EQUIVALENT EMISSION LIMITATION = NO</p> <p>PUMP COMPLYING WITH § 60.482-8 = YES</p> <p>COMPRESSOR IN HYDROGEN SERVICE = NO</p> <p>COMPRESSOR NOT IN HYDROGEN SERVICE = YES</p> <p>COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO</p> <p>COMPRESSOR COMPLYING WITH § 60.482-3 = YES</p> <p>PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES</p> <p>PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES</p> <p>PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES</p> <p>EQUIVALENT EMISSION LIMIT = NO</p> <p>COMPLYING WITH §60.482-8 = YES</p> <p>PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = YES</p> <p>EQUIVALENT EMISSION LIMIT = NO</p> <p>COMPLYING WITH § 60.482-8 = YES</p> <p>SAMPLING CONNECTION SYSTEMS = YES</p> <p>SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO</p> <p>SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES</p> <p>OPEN-ENDED VALVES OR LINES = YES</p> <p>OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO</p> <p>OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES</p> <p>VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES VALVES IN HEAVY LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO ENCLOSED COMBUSTION DEVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO FLARE = NO FLARE EQUIVALENT EMISSION LIMITATION = NO FLARE COMPLYING WITH §60.482-10 = NO CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES	
CT-5301	40 CFR Part 63, Subpart CC	63CC-CT1	Existing Source = The heat exchange system is at a new source. Construction/Reconstruction Date = Construction or reconstruction of the heat exchange system commenced after September 4, 2007. Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i).	
CT-5301	40 CFR Part 63, Subpart Q	63Q-1	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
GRPCT	40 CFR Part 63, Subpart CC	63CC-CT1	Existing Source = The heat exchange system is at a new source. Construction/Reconstruction Date = Construction or reconstruction of the heat exchange system commenced after September 4, 2007. Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i).	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPCT	40 CFR Part 63, Subpart Q	63Q-1	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
D-1389	40 CFR Part 60, Subpart QQQ	60QQQ-3	<p>Construction/Modification Date = AFTER MAY 4, 1987</p> <p>Alternate Means of Emission Limitation = NO</p> <p>Alternative Standard = NO</p> <p>Capacity &lt; 38 L/s = NO</p> <p>Capacity = DESIGN CAPACITY TO TREAT IS LESS THAN OR EQUAL TO 16 LITERS/SECOND (250 GAL/MIN) OF REFINERY WASTEWATER.</p> <p>Control Device = Carbon Adsorber</p> <p>Alternative Monitoring = NO</p> <p>Regenerate Onsite = NO</p>	
D-1389	40 CFR Part 61, Subpart FF	61FF-OW2	<p>Alternate Means of Compliance = NO</p> <p>Alternative Standards for Oil-Water Separator = NO</p> <p>Fuel Gas System = EMISSIONS ARE ROUTED TO A CONTROL DEVICE</p> <p>Cover and Closed Vent = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NEGATIVE PRESSURE (LESS THAN ATMOSPHERIC)</p> <p>Close Vent System and Control Device AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349</p> <p>By-Pass Line = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE</p> <p>Control Device Type/Operation = CARBON ADSORPTION SYSTEM NOT REGENERATING BED DIRECTLY IN DEVICE</p> <p>Engineering Calculations = ENGINEERING CALCULATIONS ARE USED TO DEMONSTRATE CONTROL DEVICE PERFORMANCE</p> <p>Carbon Replacement Interval = EXHAUST IS MONITORED ON A REGULAR SCHEDULE AND CARBON IS REPLACED IMMEDIATELY UPON BREAKTHROUGH</p>	
T-801	40 CFR Part 60, Subpart QQQ	60QQQ-2	<p>Construction/Modification Date = AFTER MAY 4, 1987</p> <p>Alternate Means of Emission Limitation = NO</p> <p>Alternative Standard = NO</p> <p>Capacity &lt; 38 L/s = YES</p> <p>Electing to Comply with § 60.693-2 = NO</p> <p>Capacity = DESIGN CAPACITY TO TREAT IS LESS THAN OR EQUAL TO 16 LITERS/SECOND (250 GAL/MIN) OF REFINERY WASTEWATER.</p> <p>Control Device = Carbon Adsorber</p> <p>Alternative Monitoring = NO</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Regenerate Onsite = NO	
T-801	40 CFR Part 61, Subpart FF	61FF-OWS2	<p>Alternate Means of Compliance = NO</p> <p>Alternative Standards for Oil-Water Separator = NO</p> <p>Fuel Gas System = EMISSIONS ARE ROUTED TO A CONTROL DEVICE</p> <p>Cover and Closed Vent = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NON-NEGATIVE PRESSURE (GREATER THAN ATMOSPHERIC)</p> <p>Close Vent System and Control Device AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349</p> <p>By-Pass Line = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE</p> <p>Control Device Type/Operation = CARBON ADSORPTION SYSTEM NOT REGENERATING BED DIRECTLY IN DEVICE</p> <p>Engineering Calculations = ENGINEERING CALCULATIONS ARE USED TO DEMONSTRATE CONTROL DEVICE PERFORMANCE</p> <p>Carbon Replacement Interval = EXHAUST IS MONITORED ON A REGULAR SCHEDULE AND CARBON IS REPLACED IMMEDIATELY UPON BREAKTHROUGH</p>	
W-2	40 CFR Part 60, Subpart QQ	60QQ-2	<p>Construction/Modification Date = AFTER MAY 4, 1987</p> <p>Alternate Means of Emission Limitation = NO</p> <p>Alternative Standard = NO</p> <p>Capacity &lt; 38 L/s = YES</p> <p>Electing to Comply with § 60.693-2 = NO</p> <p>Capacity = DESIGN CAPACITY TO TREAT IS LESS THAN OR EQUAL TO 16 LITERS/SECOND (250 GAL/MIN) OF REFINERY WASTEWATER.</p> <p>Control Device = Carbon Adsorber</p> <p>Alternative Monitoring = NO</p> <p>Regenerate Onsite = NO</p>	
W-2	40 CFR Part 61, Subpart FF	61FF-OWS2	<p>Alternate Means of Compliance = NO</p> <p>Alternative Standards for Oil-Water Separator = NO</p> <p>Fuel Gas System = EMISSIONS ARE ROUTED TO A CONTROL DEVICE</p> <p>Cover and Closed Vent = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NON-NEGATIVE PRESSURE (GREATER THAN ATMOSPHERIC)</p> <p>Close Vent System and Control Device AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349</p> <p>By-Pass Line = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE</p> <p>Control Device Type/Operation = CARBON ADSORPTION SYSTEM NOT REGENERATING BED DIRECTLY IN DEVICE</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Engineering Calculations = ENGINEERING CALCULATIONS ARE USED TO DEMONSTRATE CONTROL DEVICE PERFORMANCE</p> <p>Carbon Replacement Interval = EXHAUST IS MONITORED ON A REGULAR SCHEDULE AND CARBON IS REPLACED IMMEDIATELY UPON BREAKTHROUGH</p>	
GRPDIST	30 TAC Chapter 115, Vent Gas Controls	60NNN-1	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are potentially applicable, the vent is not specifically classified under the rule and the vent is complying with the requirements of another Division under contingency provisions.</p>	
GRPREACT	30 TAC Chapter 115, Vent Gas Controls	60RRR-1	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are potentially applicable, the vent is not specifically classified under the rule and the vent is complying with the requirements of another Division under contingency provisions.</p> <p>Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.</p> <p>Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.</p> <p>40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.</p> <p>40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies one of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.</p>	
GRPDIST	40 CFR Part 60, Subpart NNN	60NNN-1	<p>Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.</p> <p>Construction/Modification Date = After December 30, 1983.</p> <p>Vent Type = Two or more distillation units discharging vent stream into a common vapor recovery system.</p> <p>Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3).</p> <p>Total Design Capacity = 1 gigagram per year or greater.</p> <p>Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Total Resource Effectiveness = TRE index value greater than 8.0 not from a halogenated vent stream.	
D-1389	30 TAC Chapter 115, Industrial Wastewater	R115-TTb	<p>Petroleum Refinery = The affected source category is a petroleum refinery.</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> <p>Wastewater Component Type = The component is not a wet weather retention basin, exempted by §115.147(2), not a biotreatment unit.</p> <p>Roof or Seal Type = The wastewater component does not have a floating roof or internal floating roof.</p> <p>Control Devices = Carbon adsorber.</p> <p>Monitoring Type = The monitoring requirements of 30 TAC §§ 115.144(3)(A) - (H) are being used.</p>	<p>Control device represented is a carbon adsorber rather than a flare or vapor combustor.</p> <p>-- Affected Pollutant - VOC: Deleted Monitoring/Testing [G]§ 115.145(3)</p>
GRPVERT4	30 TAC Chapter 115, Industrial Wastewater	R5140-1	<p>Petroleum Refinery = The affected source category is a petroleum refinery.</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> <p>Wastewater Component Type = The component is not a wet weather retention basin, exempted by §115.147(2), not a biotreatment unit.</p> <p>Roof or Seal Type = The wastewater component does not have a floating roof or internal floating roof.</p> <p>Control Devices = Carbon adsorber.</p> <p>Monitoring Type = The monitoring requirements of 30 TAC §§ 115.144(3)(A) - (H) are being used.</p>	
T-801	30 TAC Chapter 115, Industrial Wastewater	R5140-1	<p>Petroleum Refinery = The affected source category is a petroleum refinery.</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> <p>Wastewater Component Type = The component is not a wet weather retention basin, exempted by §115.147(2), not a biotreatment unit.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Roof or Seal Type = The wastewater component does not have a floating roof or internal floating roof.</p> <p>Control Devices = Carbon adsorber.</p> <p>Monitoring Type = The monitoring requirements of 30 TAC §§ 115.144(3)(A) - (H) are being used.</p>	
T-824	30 TAC Chapter 115, Industrial Wastewater	R115-T1a7	<p>Petroleum Refinery = The affected source category is a petroleum refinery.</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> <p>Wastewater Component Type = The component is not a wet weather retention basin, exempted by §115.147(2), not a biotreatment unit.</p> <p>Roof or Seal Type = The wastewater component does not have a floating roof or internal floating roof.</p> <p>Control Devices = Carbon adsorber.</p> <p>Monitoring Type = The monitoring requirements of 30 TAC §§ 115.144(3)(A) - (H) are being used.</p>	
W-2	30 TAC Chapter 115, Industrial Wastewater	R5140-1	<p>Petroleum Refinery = The affected source category is a petroleum refinery.</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> <p>Wastewater Component Type = The component is not a wet weather retention basin, exempted by §115.147(2), not a biotreatment unit.</p> <p>Roof or Seal Type = The wastewater component does not have a floating roof or internal floating roof.</p> <p>Control Devices = Carbon adsorber.</p> <p>Monitoring Type = The monitoring requirements of 30 TAC §§ 115.144(3)(A) - (H) are being used.</p>	
111	40 CFR Part 60, Subpart J	60J-M1	<p>Facility Type = FCCU catalyst regenerator located at a petroleum refinery.</p> <p>Construction/Modification Date = After January 17, 1984 and on or before May 14, 2007.</p> <p>Contact Material = The FCCU catalyst regenerator has contact material that reacts with petroleum derivatives to improve feedstock quality in which the contact material is regenerated by burning off coke and/or other deposits.</p> <p>Sulfur Content = The FCCU uses an add-on control device to control SO<sub>2</sub> emissions.</p>	<p>[G]60.105(a)(8) removed since applicant complies with the ppmv limit in 60.104(b)(1) rather than the percent reduction limit.</p> <p>60.105(a)(1) removed based on approved alternate monitoring requirement</p> <p>-- Affected Pollutant - SO<sub>2</sub>:</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Discharged Gases = Gases discharged by the FCCU catalyst regenerator pass through an incinerator or waste heat boiler in which auxiliary or supplemental liquid or solid fossil fuel is burned.</p> <p>CO Monitoring = It has not been demonstrated to the Administrator that the average CO emissions are less than 50 ppm (dry basis).</p>	<p>Deleted Monitoring/Testing [G]§ 60.105(a)(8)  -- Affected Pollutant - PM (Opacity):  Deleted Monitoring/Testing § 60.105(a)(1)  Deleted Recordkeeping § 60.105(a)(1)</p>
111	40 CFR Part 63, Subpart UUU	63UUU-M1	<p>CCU PM/Opacity Emission Limitation = CCU subject to the NSPS for PM in 40 CFR §60.102 - PM emissions not to exceed 1.0 kg/1,000 kg of coke burn-off in the catalyst regenerator and opacity of emissions not to exceed 30%, except for one 6-minute avg. opacity reading in any 1-hour period.</p> <p>CCU PM Control Device = Wet scrubber.</p> <p>CCU PM Monitoring Method = Alternative to COMS approved under §63.1573(f).</p> <p>Alternate Method for Measuring Gas Flow Rate = Not using an alternate method for measuring gas flow rate as listed in §63.1573(a)(1).</p> <p>Multiple CCUs Served by a Single Wet Scrubber = Each CCU is served by a single wet scrubber.</p> <p>CCU CO Emission Limitation = CCU subject to the NSPS for CO in 40 CFR § 60.103 or electing to comply with the NSPS requirements (Option 1).</p> <p>CCU CO Monitoring Method = Using CEMS to demonstrate CO emission average under 50 ppm (dry basis).</p> <p>CCU Bypass Line = No bypass line serving the catalytic cracking unit.</p>	
112	40 CFR Part 60, Subpart Ja	60Ja-M1	<p>Facility Type = Fuel gas combustion device, other than a flare or process heater, that does NOT meet requirements in § 60.107a(a)(3)(i)-(iv).</p> <p>Construction/Modification Date = After June 24, 2008</p> <p>Sulfur Emission Limit = Owner or operator is choosing SO<sub>2</sub> limit in terms of ppmv H<sub>2</sub>S in fuel gas.</p>	
B-1	40 CFR Part 60, Subpart J	60J-H1	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p> <p>Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO<sub>2</sub> emissions into the atmosphere.</p>	
B-1	40 CFR Part 60, Subpart Ja	60J-H1	<p>Facility Type = Fuel gas combustion device, other than a flare or process heater, that does NOT meet requirements in § 60.107a(a)(3)(i)-(iv).</p> <p>Construction/Modification Date = On or before May 14, 2007.</p>	
B-3	40 CFR Part 60, Subpart J	60J-H1	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p> <p>Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO<sub>2</sub> emissions into the atmosphere.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B-3	40 CFR Part 60, Subpart Ja	60J-H1	Facility Type = Fuel gas combustion device, other than a flare or process heater, that does NOT meet requirements in § 60.107a(a)(3)(i)-(iv). Construction/Modification Date = On or before May 14, 2007.	
D-2914	40 CFR Part 60, Subpart Ja	60Ja-M1	Facility Type = Fuel gas combustion device, other than a flare or process heater, that does NOT meet requirements in § 60.107a(a)(3)(i)-(iv). Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO <sub>2</sub> limit in terms of ppmv H <sub>2</sub> S in fuel gas.	
F-1011	40 CFR Part 60, Subpart J	60J-H1	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO <sub>2</sub> emissions into the atmosphere.	
F-1011	40 CFR Part 60, Subpart Ja	60J-H1	Facility Type = Fuel gas combustion device, other than a flare or process heater, that does NOT meet requirements in § 60.107a(a)(3)(i)-(iv). Construction/Modification Date = On or before May 14, 2007.	
F-1013	40 CFR Part 60, Subpart Ja	60Ja-1	Facility Type = Fuel gas combustion device, other than a flare or process heater, that does NOT meet requirements in § 60.107a(a)(3)(i)-(iv). Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO <sub>2</sub> limit in terms of ppmv H <sub>2</sub> S in fuel gas.	
F-1602	40 CFR Part 60, Subpart J	60J-H1	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO <sub>2</sub> emissions into the atmosphere.	
F-1602	40 CFR Part 60, Subpart Ja	60J-H1	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated equal to or greater than 100 MMBtu/hr. Construction/Modification Date = On or before May 14, 2007.	
F-3804	40 CFR Part 60, Subpart J	60J-H1	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO <sub>2</sub> emissions into the atmosphere.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-3804	40 CFR Part 60, Subpart Ja	60J-H1	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated equal to or less than 40 MMBtu/hr. Construction/Modification Date = On or before May 14, 2007.	
F-4131	40 CFR Part 60, Subpart J	60J-H1	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO <sub>2</sub> emissions into the atmosphere.	
F-4131	40 CFR Part 60, Subpart Ja	60J-H1	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated equal to or less than 40 MMBtu/hr. Construction/Modification Date = On or before May 14, 2007.	
F-4132	40 CFR Part 60, Subpart J	60J-H1	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO <sub>2</sub> emissions into the atmosphere.	
F-4132	40 CFR Part 60, Subpart Ja	60J-H1	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated equal to or less than 40 MMBtu/hr. Construction/Modification Date = On or before May 14, 2007.	
F-4150	40 CFR Part 60, Subpart J	60J-H1	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO <sub>2</sub> emissions into the atmosphere.	
F-4150	40 CFR Part 60, Subpart Ja	60J-H1	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated equal to or greater than 100 MMBtu/hr. Construction/Modification Date = On or before May 14, 2007.	
F-4160	40 CFR Part 60, Subpart J	60J-H1	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO <sub>2</sub> emissions into the atmosphere.	
F-4160	40 CFR Part 60, Subpart Ja	60J-H1	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated equal to or greater than 100 MMBtu/hr. Construction/Modification Date = On or before May 14, 2007.	
F-4170	40 CFR Part 60, Subpart J	60J-H1	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO <sub>2</sub> emissions into the atmosphere.	
F-4170	40 CFR Part 60, Subpart Ja	60J-H1	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated equal to or greater than 100 MMBtu/hr. Construction/Modification Date = On or before May 14, 2007.	
F-4180	40 CFR Part 60, Subpart J	60J-H1	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO <sub>2</sub> emissions into the atmosphere.	
F-4180	40 CFR Part 60, Subpart Ja	60J-H1	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated equal to or greater than 100 MMBtu/hr. Construction/Modification Date = On or before May 14, 2007.	
F-4301	40 CFR Part 60, Subpart J	60J-H1	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After May 14, 2007.	
F-4301	40 CFR Part 60, Subpart Ja	60Ja-H1	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated greater than 40 MMBtu/hr but less than 100 MMBtu/hr. Low-NO <sub>x</sub> = The process heater has low-NO <sub>x</sub> or ultra low-NO <sub>x</sub> burners. Construction/Modification Date = After June 24, 2008	
F-4301	40 CFR Part 60, Subpart Ja	60Ja-H3	Facility Type = Process heater that is used for fuel gas combustion that meets requirements in § 60.107a(a)(3) [inherently low in sulfur content].	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Heater Capacity = The process heater is rated greater than 40 MMBtu/hr but less than 100 MMBtu/hr.</p> <p>Low-NO<sub>x</sub> = The process heater has low-NO<sub>x</sub> or ultra low-NO<sub>x</sub> burners.</p> <p>Construction/Modification Date = After June 24, 2008</p> <p>Sulfur Emission Limit = Owner or operator is choosing SO<sub>2</sub> limit in terms of ppmv H<sub>2</sub>S in fuel gas.</p>	
GRP HB1	40 CFR Part 60, Subpart J	60J-H1	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p> <p>Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO<sub>2</sub> emissions into the atmosphere.</p>	
GRP HB3A	40 CFR Part 60, Subpart Ja	60Ja-H2	<p>Facility Type = Process heater that is used for fuel gas combustion that meets requirements in § 60.107a(a)(3) [inherently low in sulfur content].</p> <p>Heater Capacity = The process heater is rated equal to or less than 40 MMBtu/hr.</p> <p>Low-NO<sub>x</sub> = The process heater has low-NO<sub>x</sub> or ultra low-NO<sub>x</sub> burners.</p> <p>Construction/Modification Date = After June 24, 2008</p> <p>Sulfur Emission Limit = Owner or operator is choosing SO<sub>2</sub> limit in terms of ppmv H<sub>2</sub>S in fuel gas.</p>	
P-41	40 CFR Part 63, Subpart UUU	63UUU-M2	CRU TOC Emission Limitation = Vent emissions of TOC to a flare (Option 1).	
R-2911	40 CFR Part 60, Subpart Ja	60Ja-M1	<p>Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3).</p> <p>Construction/Modification Date = After June 24, 2008</p> <p>Sulfur Emission Limit = Owner or operator is choosing SO<sub>2</sub> limit in terms of ppmv H<sub>2</sub>S in fuel gas.</p>	

\* - The "unit attributes" or operating conditions that determine what requirements apply

\*\* - Notes changes made to the automated results from the DSS, and a brief explanation why

## NSR Versus Title V FOP

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

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

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

## New Source Review Requirements

Below is a list of the New Source Review (NSR) permits for the permitted area. These NSR permits are incorporated by reference into the operating permit and are enforceable under it. These permits can be found in the main TCEQ file room, located on the first floor of Building E, 12100 Park 35 Circle, Austin, Texas. In addition, many of the permits are

accessible online through the link provided below. The Public Education Program may be contacted at 1-800-687-4040 or the Air Permits Division (APD) may be contacted at 1-512-239-1250 for help with any question.

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

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

[www.tceq.texas.gov/permitting/air/nav/air\\_status\\_permits.html](http://www.tceq.texas.gov/permitting/air/nav/air_status_permits.html)

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

### New Source Review Authorization References

<b>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.</b>	
Authorization No.: 18897	Issuance Date: 12/20/2019
Authorization No.: 93546	Issuance Date: 06/11/2019
<b>Permits by Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001

### Permits by Rule

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

This interpretation is consistent with how TCEQ has historically determined compliance with the emission limits prior to the addition of the “as applicable” language. The “as applicable” language was added in 2014 as part of changes to the

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

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

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

The PBR records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, or parametric monitoring. The PBR records also satisfy the federal operating permit periodic monitoring requirements of 30 TAC § 122.142(c) as they are representative of the emission unit's compliance with 30 TAC Chapter 106.

### **Emission Units and Emission Points**

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

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

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

### **Monitoring Sufficiency**

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

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

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

### Periodic Monitoring:

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

Unit/Group/Process Information	
ID No.: GRPVERT4	
Control Device ID No.: D854/D855	Control Device Type: Carbon Adsorption System (Non-Regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-T3f
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Benzene concentration	
Minimum Frequency: Weekly	
Averaging Period: N/A	
Deviation Limit: Maximum benzene concentration = 5 ppmv	
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.	

<b>Unit/Group/Process Information</b>	
ID No.: GRPVERT4	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-T3f
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
<b>Monitoring Information</b>	
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 recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPVERT4	
Control Device ID No.: D854/D855	Control Device Type: Carbon Adsorption System (Non-Regenerative)
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 61, Subpart FF	SOP Index No.: 61FF-T1
Pollutant: Benzene	Main Standard: § 61.343(a)(1)
<b>Monitoring Information</b>	
Indicator: Benzene concentration	
Minimum Frequency: Weekly	
Averaging Period: N/A	
Deviation Limit: Maximum benzene concentration = 5 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>	



<b>Unit/Group/Process Information</b>	
ID No.: T-4607	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-4
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
<b>Monitoring Information</b>	
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 recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: T-4607	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-5
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
<b>Monitoring Information</b>	
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 recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: T-801	
Control Device ID No.: VAPOR-PAC3	Control Device Type: Carbon Adsorption System (Non-Regenerative)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Industrial Wastewater	SOP Index No.: R5140-1
Pollutant: VOC	Main Standard: § 115.142(1)
<b>Monitoring Information</b>	
Indicator: Benzene concentration	
Minimum Frequency: Weekly	
Averaging Period: N/A	
Deviation Limit: Maximum benzene concentration = 5 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>	

<b>Unit/Group/Process Information</b>	
ID No.: T-801	
Control Device ID No.: VAPOR-PAC3	Control Device Type: Carbon Adsorption System (Non-Regenerative)
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart QQQ	SOP Index No.: 60QQQ-2
Pollutant: VOC	Main Standard: § 60.692-3(a)
<b>Monitoring Information</b>	
Indicator: Benzene concentration	
Minimum Frequency: Weekly	
Averaging Period: N/A	
Deviation Limit: Maximum benzene concentration = 5 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>	

<b>Unit/Group/Process Information</b>	
ID No.: T-801	
Control Device ID No.: VAPOR-PAC3	Control Device Type: Carbon Adsorption System (Non-Regenerative)
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 61, Subpart FF	SOP Index No.: 61FF-OWS2
Pollutant: Benzene	Main Standard: § 61.347(a)(1)
<b>Monitoring Information</b>	
Indicator: Benzene concentration	
Minimum Frequency: Weekly	
Averaging Period: N/A	
Deviation Limit: Maximum benzene concentration = 5 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>	

<b>Unit/Group/Process Information</b>	
ID No.: W-2	
Control Device ID No.: CARB2	Control Device Type: Carbon Adsorption System (Non-Regenerative)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Industrial Wastewater	SOP Index No.: R5140-1
Pollutant: VOC	Main Standard: § 115.142(1)
<b>Monitoring Information</b>	
Indicator: Benzene concentration	
Minimum Frequency: Weekly	
Averaging Period: N/A	
Deviation Limit: Benzene concentration greater than or equal to 5 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>	

<b>Unit/Group/Process Information</b>	
ID No.: W-2	
Control Device ID No.: CARB2	Control Device Type: Carbon Adsorption System (Non-Regenerative)
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart QQQ	SOP Index No.: 60QQQ-2
Pollutant: VOC	Main Standard: § 60.692-3(a)
<b>Monitoring Information</b>	
Indicator: Benzene concentration	
Minimum Frequency: Weekly	
Averaging Period: N/A	
Deviation Limit: Benzene concentration greater than or equal to 5 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>	

<b>Unit/Group/Process Information</b>	
ID No.: W-2	
Control Device ID No.: CARB2	Control Device Type: Carbon Adsorption System (Non-Regenerative)
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 61, Subpart FF	SOP Index No.: 61FF-OWS2
Pollutant: Benzene	Main Standard: § 61.347(a)(1)
<b>Monitoring Information</b>	
Indicator: Benzene concentration	
Minimum Frequency: Weekly	
Averaging Period: N/A	
Deviation Limit: Benzene concentration greater than or equal to 5 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>	



## Obtaining Permit Documents

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

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

[https://www.tceq.texas.gov/permitting/air/permitbyrule/air\\_pbr\\_index.html](https://www.tceq.texas.gov/permitting/air/permitbyrule/air_pbr_index.html)

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

[www.tceq.texas.gov/permitting/air/permitbyrule/historical\\_rules/old106list/index106.html](http://www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html)

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

[www.tceq.texas.gov/permitting/air/permitbyrule/historical\\_rules/oldselist/se\\_index.html](http://www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html)

Additional information concerning PBRs is available on the TCEQ website:

[https://www.tceq.texas.gov/permitting/air/nav/air\\_pbr.html](https://www.tceq.texas.gov/permitting/air/nav/air_pbr.html)

## Compliance Review

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on August 21, 2019.

Site rating: 29.16 / Satisfactory Company rating: 27.01 / Satisfactory

(*High < 0.10; Satisfactory ≥ 0.10 and ≤ 55; Unsatisfactory > 55*)

2. Has the permit changed on the basis of the compliance history or site/company rating? .....No

## Site/Permit Area Compliance Status Review

1. Were there any out-of-compliance units listed on Form OP-ACPS? .....No

2. Is a compliance plan and schedule included in the permit? .....No

## Available Unit Attribute Forms

OP-UA1 - Miscellaneous and Generic Unit Attributes

OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes

OP-UA3 - Storage Tank/Vessel Attributes

OP-UA4 - Loading/Unloading Operations Attributes

OP-UA5 - Process Heater/Furnace Attributes

OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes

OP-UA7 - Flare Attributes

OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes

OP-UA11 - Stationary Turbine Attributes

OP-UA12 - Fugitive Emission Unit Attributes

OP-UA13 - Industrial Process Cooling Tower Attributes

OP-UA14 - Water Separator Attributes

OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes

OP-UA16 - Solvent Degreasing Machine Attributes

OP-UA17 - Distillation Unit Attributes

OP-UA18 - Surface Coating Operations Attributes

OP-UA19 - Wastewater Unit Attributes

OP-UA20 - Asphalt Operations Attributes  
OP-UA21 - Grain Elevator Attributes  
OP-UA22 - Printing Attributes  
OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes  
OP-UA25 - Synthetic Fiber Production Attributes  
OP-UA26 - Electroplating and Anodizing Unit Attributes  
OP-UA27 - Nitric Acid Manufacturing Attributes  
OP-UA28 - Polymer Manufacturing Attributes  
OP-UA29 - Glass Manufacturing Unit Attributes  
OP-UA30 - Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes  
OP-UA31 - Lead Smelting Attributes  
OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes  
OP-UA33 - Mineral Processing Plant Attributes  
OP-UA34 - Pharmaceutical Manufacturing  
OP-UA35 - Incinerator Attributes  
OP-UA36 - Steel Plant Unit Attributes  
OP-UA37 - Basic Oxygen Process Furnace Unit Attributes  
OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes  
OP-UA39 - Sterilization Source Attributes  
OP-UA40 - Ferroalloy Production Facility Attributes  
OP-UA41 - Dry Cleaning Facility Attributes  
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes  
OP-UA43 - Sulfuric Acid Production Attributes  
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes  
OP-UA45 - Surface Impoundment Attributes  
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes  
OP-UA47 - Ship Building and Ship Repair Unit Attributes  
OP-UA48 - Air Oxidation Unit Process Attributes  
OP-UA49 - Vacuum-Producing System Attributes  
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes  
OP-UA51 - Dryer/Kiln/Oven Attributes  
OP-UA52 - Closed Vent Systems and Control Devices  
OP-UA53 - Beryllium Processing Attributes  
OP-UA54 - Mercury Chlor-Alkali Cell Attributes  
OP-UA55 - Transfer System Attributes  
OP-UA56 - Vinyl Chloride Process Attributes  
OP-UA57 - Cleaning/Depainting Operation Attributes  
OP-UA58 - Treatment Process Attributes  
OP-UA59 - Coke By-Product Recovery Plant Attributes  
OP-UA60 - Chemical Manufacturing Process Unit Attributes  
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes  
OP-UA62 - Glycol Dehydration Unit Attributes  
OP-UA63 - Vegetable Oil Production Attributes  
OP-UA64 - Coal Preparation Plant Attributes