Statement of Basis of the Federal Operating Permit

Valero Refining-Texas, L.P.

Site/Area Name: Texas City Refinery
Physical location: 1301 Loop 197 South
Nearest City: Texas City
County: Galveston

Permit Number: O1253
Project Type: Renewal

Standard Industrial Classification (SIC) Code: 2911
SIC Name: Petroleum Refining

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

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

Prepared on: July 22, 2014

Operating Permit
Basis of Determination

Permit Area Process Description

The Valero Texas City Refinery produces a diverse range of petroleum products. These products include a variety of gasolines and low-sulfur diesel and distillate oils, such as home heating oils, kerosene, and jet fuel. The design of the refinery allows the facility a great deal of flexibility in processing different grades of crude feedstock. Feedstocks are received at the facility from pipeline and marine vessels. Finished products from the facility are shipped to commercial markets via pipeline and marine vessels.

To support facility operation, the refinery operates a large number of process units. Each of the process units, which form a complex interrelationship with one another, plays an important role in supporting facility operations. The process units found at the facility include: crude distillation units, residual vacuum distillation unit, gas oil hydrotreater unit, residual oil supercritical extraction unit, fluid catalytic cracking unit, alkylation unit, distillate hydrotreater units, naphtha reformer unit, gasoline desulfurization unit, Penex unit, propylene purification unit, light ends recovery unit, saturates gas plant, treaters unit, and delayed coking unit.

To support refinery operations, the refinery operates a number of other, less principal, process units. These units provide purification, sulfur recovery, product blending, and other functions critical to support overall refinery operations. These less principal process units include: amine unit, No. 3 sulfur recovery unit, No. 2 tail gas unit, pressure swing absorption unit, FCC gas con unit, GOHT amine units, GOHT sulfur recovery units, sour water stripper units, GOHT tail gas unit, fuel gas mixing drum, wastewater treatment unit, and utilities unit.

FOPs at Site

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

Additional FOPs: None

Major Source Pollutants

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

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

Reading State of Texas's Federal Operating Permit

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

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

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

General Terms and Conditions

The General Terms and Conditions are the same and appear in all permits. The first paragraph lists the specific citations for 30 TAC Chapter 122 requirements that apply to all Title V permit holders. The second paragraph describes the requirements for record retention. The third paragraph provides details for voiding the permit, if applicable. The fourth paragraph states that the permit holder shall comply with the requirements of 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit. The fifth paragraph provides details on submission of reports required by the permit.

Special Terms and Conditions

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

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

Attachments

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

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

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

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

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

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

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

Appendix A

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

Appendix B

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

Stationary Vents subject to 30 TAC Chapter 111

All stationary vents subject to 30 TAC Chapter 111 are listed in the permit's Applicable Requirements Summary. The basis for the applicability determinations for these vents are listed in the Determination of Applicable Requirements table.

Federal Regulatory Applicability Determinations

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

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

Basis for Applying Permit Shields

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

Insignificant Activities

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

1. Office activities such as photocopying, blueprint copying, and photographic processes.
2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
4. Outdoor barbecue pits, campfires, and fireplaces.
5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.
6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
7. Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
9. Vehicle exhaust from maintenance or repair shops.
10. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
11. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
12. Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
13. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
15. Well cellars.
16. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.
18. Equipment used exclusively for the melting or application of wax.
19. All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
20. Shell core and shell mold manufacturing machines.
21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

Determination of Applicable Requirements

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to which the permit holder must comply. For more information about the

descriptions of the unit attributes specific Unit Attribute Forms may be viewed at www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html.

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

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

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

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

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

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

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
DE-24	30 TAC Chapter 117, Subchapter B	R7ICI-1	Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)] Fuel Fired = Petroleum-based diesel fuel	
DE-24	40 CFR Part 60, Subpart IIII	60IIII-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before July 11, 2005.	
DE-24	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use. Stationary RICE Type = Compression ignition engine	
DE-27	30 TAC Chapter 117, Subchapter B	R7ICI-1	Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)] Fuel Fired = Petroleum-based diesel fuel	
DE-27	40 CFR Part 60, Subpart IIII	60IIII-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before July 11, 2005.	
DE-27	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use.	
DE-31	30 TAC Chapter 117, Subchapter B	R7ICI-1	Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)] Fuel Fired = Petroleum-based diesel fuel	
DE-31	40 CFR Part 60, Subpart IIII	60IIII-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before July 11, 2005.	
DE-31	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp less than 100 hp. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use. Stationary RICE Type = Compression ignition engine	
DE-7	30 TAC Chapter 117, Subchapter B	R7ICI-1	Type of Service = Existing diesel fuel-fired engine, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed or relocated on or after October 1, 2001	
DE-7	40 CFR Part 60, Subpart IIII	60IIII-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before July 11, 2005.	
DE-7	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Limited use.	
DE-8	30 TAC Chapter	R7ICI-1	Type of Service = Existing diesel fuel-fired engine, located in the Houston/Galveston/Brazoria ozone	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	117, Subchapter B		nonattainment area, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed or relocated on or after October 1, 2001	
DE-8	40 CFR Part 60, Subpart IIII	60IIII-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before July 11, 2005.	
DE-8	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Limited use.	
DE-ADMIN	30 TAC Chapter 117, Subchapter B	R7ICI-1	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
DE-ADMIN	40 CFR Part 60, Subpart IIII	60IIII-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before July 11, 2005.	
DE-ADMIN	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction on or after December 19, 2002, but before June 12, 2006. Service Type = Emergency use. Installation Date = The emergency use stationary RICE was installed prior to June 12, 2006.	
DE-AIR1	30 TAC Chapter 117, Subchapter B	R7ICI-1	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
DE-AIR1	40 CFR Part 60, Subpart IIII	60IIII-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after July 11, 2005. Diesel = Diesel fuel is used. Kilowatts = Power rating is greater than 368 KW and less than 600 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Displacement = Displacement is greater than or equal to 10 and less than 15 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE meets the standards applicable to non-emergency engines. Commencing = CI ICE that is commencing new construction. Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions. Manufacture Date = Date of manufacture is after 04/01/2006. Model Year = CI ICE was manufactured in model year 2008.	
DE-AIR1	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use. Installation Date = The emergency use stationary RICE was installed on or after June 12, 2006.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
DE-AIR2	30 TAC Chapter 117, Subchapter B	R7ICI-1	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
DE-AIR2	40 CFR Part 60, Subpart IIII	60IIII-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after July 11, 2005. Diesel = Diesel fuel is used. Kilowatts = Power rating is greater than 368 KW and less than 600 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Displacement = Displacement is greater than or equal to 10 and less than 15 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE meets the standards applicable to non-emergency engines. Commencing = CI ICE that is commencing new construction. Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions. Manufacture Date = Date of manufacture is after 04/01/2006. Model Year = CI ICE was manufactured in model year 2012.	
DE-AIR2	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use. Installation Date = The emergency use stationary RICE was installed on or after June 12, 2006.	
DE-GUARD	30 TAC Chapter 117, Subchapter B	R7ICI-1	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
DE-GUARD	40 CFR Part 60, Subpart IIII	60IIII-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before July 11, 2005.	
DE-GUARD	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp less than 100 hp. Construction/Reconstruction Date = Commenced construction or reconstruction on or after December 19, 2002, but before June 12, 2006. Service Type = Emergency use. Stationary RICE Type = Compression ignition engine	
DE-SERVICE	30 TAC Chapter 117, Subchapter B	R7ICI-1	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
DE-SERVICE	40 CFR Part 60, Subpart IIII	60IIII-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after July 11, 2005. Diesel = Diesel fuel is used. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Displacement = Displacement is greater than or equal to 30 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE meets the standards applicable to non-emergency engines. Commencing = CI ICE that is commencing new construction. Manufacture Date = Date of manufacture is after 04/01/2006. Install Date = The CI ICE was installed in 2012 or later.	
DE-SERVICE	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use. Installation Date = The emergency use stationary RICE was installed on or after June 12, 2006.	
DE-SWLS	30 TAC Chapter 117, Subchapter B	R7ICI-1	Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter permit 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(9) CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 3 g/hp-hr option CO Averaging Method = Complying with the applicable emission limit using a block one-hour average. CO Monitoring System = Emissions monitored by means other than a CEMS or PEMS. EGF System Cap Unit = Engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Type of Service = SRIC engine not meeting an exemption Fuel Fired = Petroleum-based diesel fuel NOx Averaging Method = Complying with the applicable emission limit using a block one-hour average. Engine Type = Lean-burn NOx Reduction = None ESAD Date Placed in Service = Installed, modified, reconstructed or relocated on or after October 1, 2007. NOx Monitoring System = Maximum emission rate testing in accordance with 30 TAC § 117.8000 Diesel HP Rating = Horsepower rating is 175 hp or greater, but less than 300 hp.	
DE-SWLS	40 CFR Part 60, Subpart IIII	60IIII-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after July 11, 2005. Diesel = Diesel fuel is used. Kilowatts = Power rating greater than or equal to 130 KW and less than or equal to 368 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Filter = The CI ICE is not equipped with a diesel particulate filter. Displacement = Displacement is less than 10 liters per cylinder. Service = CI ICE is a non-emergency engine. Commencing = CI ICE that is commencing new construction. Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			the manufacturer's emission-related written instructions. Generator Set = The CI ICE is not a generator set engine. Manufacture Date = Date of manufacture is after 04/01/2006. Model Year = CI ICE was manufactured in model year 2010.	
DE-SWLS	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp greater than or equal to 250 hp and less than 300 hp. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Normal use. Stationary RICE Type = Compression ignition engine	
DE-T-095	30 TAC Chapter 117, Subchapter B	R7ICI-1	Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter permit 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(9) CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 3 g/hp-hr option CO Averaging Method = Complying with the applicable emission limit using a block one-hour average. CO Monitoring System = Emissions monitored by means other than a CEMS or PEMS. EGF System Cap Unit = Engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Type of Service = SRIC engine not meeting an exemption Fuel Fired = Petroleum-based diesel fuel NOx Averaging Method = Complying with the applicable emission limit using a block one-hour average. Engine Type = Lean-burn NOx Reduction = None ESAD Date Placed in Service = Installed, modified, reconstructed or relocated on or after October 1, 2007. NOx Monitoring System = Maximum emission rate testing in accordance with 30 TAC § 117.8000 Diesel HP Rating = Horsepower rating is 50 hp or greater, but less than 100 hp.	
DE-T-095	40 CFR Part 60, Subpart IIII	60IIII-1	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after July 11, 2005. Diesel = Diesel fuel is used. Kilowatts = Power rating is greater than or equal to 56 KW and less than 75 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Filter = The CI ICE is not equipped with a diesel particulate filter. Displacement = Displacement is less than 10 liters per cylinder. Service = CI ICE is a non-emergency engine. Commencing = CI ICE that is commencing new construction. Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions. Generator Set = The CI ICE is not a generator set engine. Manufacture Date = Date of manufacture is after 04/01/2006.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Model Year = CI ICE was manufactured in model year 2010.	
DE-T-095	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp less than 100 hp. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Normal use. Stationary RICE Type = Compression ignition engine	
D-606	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
D-606	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
D-624	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
D-624	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
D-667	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Flare	
D-667	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
D-768	30 TAC Chapter	R5112-1	Today's Date = Today's date is March 1, 2013 or later.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	115, Storage of VOCs		Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
D-768	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
D-861	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
D-861	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
D-ADMIN	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons	
D-ADMIN	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
D-CHEM1	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
D-CHEM1	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
D-CHEM2	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
D-CHEM2	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
D-DE24	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons	
D-DE24	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
D-DE27	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons	
D-DE27	40 CFR Part 60, Subpart K	60K-1	Construction/Modification Date = After June 11, 1973 And on or before March 8, 1974 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	
D-DE7	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons	
D-DE8	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons	
D-FIREFIEL	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is less than or equal to 1,000 gallons	
D-FIREFIEL	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
D-FIREHOUS	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons	
D-FIREHOUS	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
D-SERVICE	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
D-SERVICE	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
GFDT-1	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons	
GFDT-1	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
MISC DRUMS	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons	
T-069	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-069	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure	
T-069	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure	
T-070	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Direct-flame incinerator	
T-070	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
T-070	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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.	The main standard, related standards, monitoring/testing, recordkeeping, and reporting rule citations were included in the permit at the request of the applicant.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = No floating roof	
T-078	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 = Liquid-mounted liquid filled Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-078	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with liquid-mounted primary seal	
T-078	40 CFR Part 60, Subpart QQQ	60QQQ-1	Construction/Modification Date = After May 4, 1987 Control Device Type = No control device Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes	
T-088	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-088	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			(76.6 kPa) Emission Control Type = External floating roof 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. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-092	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-092	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-092	40 CFR Part 60, Subpart QQQ	60QQQ-1	Construction/Modification Date = After May 4, 1987 Control Device Type = No control device Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes	
T-094	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-094	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 10,600 gallons (40,000 liters) but less than 19,800 gallons (75,000 liters)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
T-095	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-095	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-095	40 CFR Part 60, Subpart QQQ	60QQQ-1	Construction/Modification Date = After May 4, 1987 Control Device Type = No control device Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes	
T-095	40 CFR Part 61, Subpart FF	61FF-1	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. Closed Vent System and Control Device = No closed vent system and control device is used. Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2) Seal Type = Mechanical shoe primary seal	
T-095	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal	
T-096	30 TAC Chapter	R5112-1	Today's Date = Today's date is March 1, 2013 or later.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	115, Storage of VOCs		Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. 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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-096	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-096	40 CFR Part 60, Subpart QQQ	60QQQ-1	Construction/Modification Date = After May 4, 1987 Control Device Type = No control device Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes	
T-100	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-100	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure	
T-100	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure	
T-101	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-101	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure	
T-101	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure	
T-15-1902	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-15-1902	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 10,600 gallons (40,000 liters) but less than 19,800 gallons	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			(75,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	
T-15-1902	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is less than 19,800 gallons (75,708 liters) 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. 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. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-15-1904	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Direct-flame incinerator	
T-15-1904	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-15-1904	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is less than 0.75 psia Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-16-1902	30 TAC Chapter 115, Storage of	R5112-1	Today's Date = Today's date is March 1, 2013 or later.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	VOCs		Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Direct-flame incinerator	
T-16-1902	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
T-16-1902	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = No floating roof	The main standard, related standards, monitoring/testing, recordkeeping, and reporting rule citations were included in the permit at the request of the applicant.
T-16-1922	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Direct-flame incinerator	
T-16-1922	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
T-16-1922	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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).	The main standard, related standards, monitoring/testing, recordkeeping, and reporting rule citations were included

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = No floating roof	in the permit at the request of the applicant.
T-303	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-303	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Fixed roof and an internal floating roof 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. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely cover the space between the wall of the storage vessel and the edge of the internal floating roof	
T-307	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-307	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-307	40 CFR Part 63, Subpart CC	63CC-1	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).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			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. 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. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-316	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-316	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. 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. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-320	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-320	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
T-320	40 CFR Part 60, Subpart QQQ	60QQQ-1	Construction/Modification Date = On or before May 4, 1987 Control Device Type = No control device Alternative Monitoring = No alternative operational or process parameter is monitored.	
T-320	40 CFR Part 61, Subpart FF	61FF-1	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Closed Vent System and Control Device = No closed vent system and control device is used. Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1) Seal Type = Mechanical shoe seal	
T-320	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
T-321	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-321	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
T-321	40 CFR Part 60, Subpart QQQ	60QQQ-1	Construction/Modification Date = On or before May 4, 1987 Control Device Type = No control device Alternative Monitoring = No alternative operational or process parameter is monitored.	
T-321	40 CFR Part 61, Subpart FF	61FF-1	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. Closed Vent System and Control Device = No closed vent system and control device is used. Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1) Seal Type = Mechanical shoe seal	
T-321	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR §	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
T-330	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	
T-330	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-335	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device Type = Direct-flame incinerator	
T-335	40 CFR Part 60, Subpart Ka	60KA-1	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Vapor recovery system (VRS) and a vapor return or disposal system (fixed roof) Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized	
T-335	40 CFR Part 63, Subpart CC	63CC-1	Closed Vent System = Closed vent system is operated and maintained under negative pressure. Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) By-pass Lines = Closed vent system has no by-pass lines. Emission Control Type = Closed vent system and control device 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. Control Device Type = Thermal incinerator Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Control Device Design = The control device was installed on or before July 15, 1994 and was designed to reduce inlet emission of total organic hazardous air pollutant (HAP) by greater than or equal to 90% but less than 95%. Design Evaluation Submitted = A design evaluation of the emissions control system was submitted to demonstrate compliance with 40 CFR § 63.119(e).	
T-336	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-336	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
T-337	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-337	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
T-422	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-422	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Fixed roof and an internal floating roof 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. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)	
T-424	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-424	40 CFR Part 60, Subpart K	60K-1	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Petroleum liquid (other than petroleum or condensate) True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia Storage Vessel Description = Floating roof (internal or external) Reid Vapor Pressure = Reid vapor pressure at least 1.0 psia	
T-424	40 CFR Part 63,	63CC-1	Existing Source = The storage vessel is at an existing source.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Subpart CC		Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Fixed roof and an internal floating roof 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. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)	
T-428	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 = Liquid-mounted liquid filled Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-428	40 CFR Part 60, Subpart K	60K-1	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Petroleum liquid (other than petroleum or condensate) True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia Storage Vessel Description = Floating roof (internal or external) Reid Vapor Pressure = Reid vapor pressure at least 1.0 psia	
T-428	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof 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. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a liquid-mounted seal	
T-436	30 TAC Chapter 115, Storage of	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	VOCs		compliance with applicable control requirements or exemption criteria. 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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-436	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-444	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-444	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-444	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. 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. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-445	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-445	40 CFR Part 60,	60KB-1	Product Stored = Volatile organic liquid	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-445	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. 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. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-446	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-446	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. 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. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-451	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-451	40 CFR Part 60, Subpart K	60K-1	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Petroleum liquid (other than petroleum or condensate) True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Vessel Description = Floating roof (internal or external) Reid Vapor Pressure = Reid vapor pressure at least 1.0 psia	
T-451	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof 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. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-477	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-477	40 CFR Part 60, Subpart Ka	60KA-1	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof (EFR) with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 1.0 psia	
T-477	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof 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. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-478	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 = Liquid-mounted liquid filled Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-478	40 CFR Part 60, Subpart Ka	60KA-1	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type EFR with liquid-mounted primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 1.0 psia	
T-478	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof 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. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a liquid-mounted seal	
T-479	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-482	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-486	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-486	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. 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. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-489	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-489	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
T-489	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
T-490	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-490	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal	
T-490	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal	
T-491	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-491	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal	
T-491	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR §	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Fixed roof and an internal floating roof 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal Seal Type = Liquid-mounted seal	
T-499	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-499	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-499	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is less than 0.75 psia Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-519	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls	

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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-519	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	
T-520	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-520	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	
T-546	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons Control Device Type = Carbon adsorption system	
T-546	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
T-546	40 CFR Part 61, Subpart FF	61FF-1	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Control Device Type/Operations = Carbon adsorption system that does not regenerate the carbon bed directly in the control device Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Alternate monitoring parameters not requested Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.	
T-546	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,708 liters) but less than 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is less than 4.0 psia Storage Vessel Description = No floating roof	The main standard, related standards, monitoring/testing, recordkeeping, and reporting rule citations were included in the permit at the request of the applicant.
T-558	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-558	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-558	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-559	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-559	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-559	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. 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. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-561	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-561	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-561	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. 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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-563	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-563	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-563	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-565	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-565	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-565	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-568	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-568	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-568	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-569	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-569	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-569	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-570	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Direct-flame incinerator	
T-570	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
T-570	40 CFR Part 60, Subpart QQQ	60QQQ-1	Construction/Modification Date = After May 4, 1987 Control Device Type = Thermal incinerator Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = No	
T-572	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-572	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-572	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. 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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-577	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-577	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-577	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. 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. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-581	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-581	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-581	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The storage vessel is at an existing source. Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-582	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-582	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-582	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. 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. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-583	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 40,000 gallons	
T-583	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-583	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. 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. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-594	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-594	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-594	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal	
T-608	30 TAC Chapter	R5112-1	Today's Date = Today's date is March 1, 2013 or later.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	115, Storage of VOCs		Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. 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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-608	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-608	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal	
T-609	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-609	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-609	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal	
T-639	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-639	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
T-640	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-640	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
T-641	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-641	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
T-642	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-642	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
T-643	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
T-643	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-643	40 CFR Part 63, Subpart CC	63CC-1	Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition 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). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) 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. 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. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal	
T-647	30 TAC Chapter 115, Storage of VOCs	R5112-1	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls	

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 Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-647	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
DOCK-16	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-1	Chapter 115 Facility Type = Marine terminal Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	
DOCK-16	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-2	Chapter 115 Facility Type = Marine terminal Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only unloading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
DOCK-16	40 CFR Part 63, Subpart CC	63CC-1	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	
DOCK-16	40 CFR Part 63, Subpart Y	63Y-1	Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Pressure = Vapor pressure is less than 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.	
DOCK-20	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-1	Chapter 115 Facility Type = Marine terminal Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	
DOCK-20	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-2	Chapter 115 Control Device Type = Vapor control system with a vapor combustor. Chapter 115 Facility Type = Marine terminal Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Marine Terminal Exemptions = The marine terminal is claiming one or more of the exemptions in 30 TAC §	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			115.217(a)(5)(B). Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia. VOC Flash Point = Flash point less than 150° F. Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions do not apply to marine terminals or gasoline terminals. Uncontrolled VOC Emissions = Uncontrolled VOC emissions are less than 100 tpy. Control Options = Vapor control system that maintains a control efficiency of at least 90%.	
DOCK-20	40 CFR Part 63, Subpart CC	63CC-1	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	
DOCK-20	40 CFR Part 63, Subpart Y	63Y-1	Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg. Subpart BB Applicability = Marine vessel loading operations are not subject to and complying with 40 CFR Part 61, Subpart BB. Material Loaded = Material other than crude oil or gasoline. HAP Impurities Only = Marine vessel loading operations at loading berths transfer liquids containing organic hazardous air pollutants other than as impurities. Source Emissions = Source with emissions less than 10 and 25 tons.	
DOCK-22	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-1	Chapter 115 Facility Type = Marine terminal Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	
DOCK-22	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-2	Chapter 115 Control Device Type = Vapor control system with a vapor combustor. Chapter 115 Facility Type = Marine terminal Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Marine Terminal Exemptions = The marine terminal is claiming one or more of the exemptions in 30 TAC § 115.217(a)(5)(B). Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			VOC Flash Point = Flash point less than 150° F. Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions do not apply to marine terminals or gasoline terminals. Uncontrolled VOC Emissions = Uncontrolled VOC emissions are less than 100 tpy. Control Options = Vapor control system that maintains a control efficiency of at least 90%.	
DOCK-22	40 CFR Part 63, Subpart CC	63CC-1	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	
DOCK-22	40 CFR Part 63, Subpart Y	63Y-1	Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg. Subpart BB Applicability = Marine vessel loading operations are not subject to and complying with 40 CFR Part 61, Subpart BB. Material Loaded = Material other than crude oil or gasoline. HAP Impurities Only = Marine vessel loading operations at loading berths transfer liquids containing organic hazardous air pollutants other than as impurities. Source Emissions = Source with emissions less than 10 and 25 tons.	
DOCK-40	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-2	Chapter 115 Facility Type = Marine terminal Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only unloading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
DOCK-40	40 CFR Part 63, Subpart Y	63Y-1	Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Pressure = Vapor pressure is less than 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.	
DOCK-41	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-2	Chapter 115 Facility Type = Marine terminal Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only unloading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
DOCK-41	40 CFR Part 63, Subpart Y	63Y-1	Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Pressure = Vapor pressure is less than 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Hg.	
DOCK-56	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-1	Chapter 115 Facility Type = Marine terminal Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	
DOCK-56	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-2	Chapter 115 Facility Type = Marine terminal Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only unloading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
DOCK-56	40 CFR Part 63, Subpart CC	63CC-1	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	
DOCK-56	40 CFR Part 63, Subpart Y	63Y-1	Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Pressure = Vapor pressure is less than 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.	
DOCK-57	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-1	Chapter 115 Facility Type = Marine terminal Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	
DOCK-57	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-2	Chapter 115 Facility Type = Marine terminal Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only unloading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	
DOCK-57	40 CFR Part 63, Subpart CC	63CC-1	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
DOCK-57	40 CFR Part 63, Subpart Y	63Y-1	Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Pressure = Vapor pressure is less than 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.	
F-63	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-1	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	
GFDT-L	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-2	Chapter 115 Facility Type = Motor vehicle fuel dispensing facility	
LND-UNLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-1	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only unloading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	
H-13-1401	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-13-1421	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-13-1451	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-13-1480	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-15	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is less than or equal to $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-16	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-17	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-18	30 TAC Chapter	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	117, Subchapter B		Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-19	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-20	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-21	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-22	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-23	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-27	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-28	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-29	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			hour average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Annual Heat Input = Annual heat input is greater than 2.8(10^{11}) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-31	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-32	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-34	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than 2.8(10^{11}) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-35	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-44	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than 2.2(10^{11}) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-45	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-46	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-50	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-57	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a),	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NH3 Emission Limitation = Title 30 TAC § 117.310(c)(2) NOx Reduction = Post combustion control technique with ammonia injection Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NH3 Monitoring = Stain tube. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-58	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NH3 Emission Limitation = Title 30 TAC § 117.310(c)(2) NOx Reduction = Post combustion control technique with ammonia injection Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NH3 Monitoring = Stain tube. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
H-60	30 TAC Chapter 117, Subchapter B	R7ICI-1	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average NOx Reduction = No NO_x control method	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases. NOx Monitoring System = Continuous emissions monitoring system Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
B-18	30 TAC Chapter 117, Subchapter B	R7ICI-1	NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. UNIT TYPE = Other industrial, commercial, or institutional boiler. MAXIMUM RATED CAPACITY = MRC is greater than or equal to 200 MMBtu/hr but less than 250 MMBtu/hr. NOX MONITORING SYSTEM = Continuous emissions monitoring system. FUEL FLOW MONITORING = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1). EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases. NOX EMISSION LIMIT AVERAGE = Emission limit in pounds/MMBtu on a rolling 30-day average. NOX REDUCTIONS = No NO_x reduction. ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on rolling 12-month average.	
B-18	40 CFR Part 60, Subpart Db	60DB-1	Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted. Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997. D-Series Fuel Type #1 = Natural gas. Heat Input Capacity = Heat input capacity is greater than 100 MMBtu/hr (29 MW) but less than or equal to 250 MMBtu/hr (73 MW). PM Monitoring Type = No particulate monitoring. Facility Type = The affected facility includes a fuel gas combustion device. Opacity Monitoring Type = No particulate (opacity) monitoring. Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da. 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. 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. NOx Monitoring Type = Continuous emission monitoring system. Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			SO2 Monitoring Type = No SO_2 monitoring. 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. Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J. 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. Technology Type = None. ACF Option - SO2 = Other ACF or no ACF. 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. Unit Type = OTHER UNIT TYPE ACF Option - PM = Other ACF or no ACF. Heat Release Rate = Natural gas oil with a heat release rate greater than 70 MBtu/hr/ft^3. 60.49Da(n) Alternative = The facility is not using the § 60.49Da(n) alternative. ACF Option - NOx = Other ACF or no ACF. 60.49Da(m) Alternative = The facility is not using the § 60.49Da(m) alternative.	
B-26	30 TAC Chapter 117, Subchapter B	R7ICI-1	NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. UNIT TYPE = Other industrial, commercial, or institutional boiler. MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr. NOX MONITORING SYSTEM = Continuous emissions monitoring system. FUEL FLOW MONITORING = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1). EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases. NH3 EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2). NOX EMISSION LIMIT AVERAGE = Emission limit in pounds/MMBtu on a rolling 30-day average. NH3 EMISSION MONITORING = Stain tube NOX REDUCTIONS = Post combustion control technique with ammonia injection. ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on rolling 12-month average.	
B-26	40 CFR Part 60, Subpart Db	60DB-1	Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted. Construction/Modification Date = Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			D-Series Fuel Type #1 = Natural gas. Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW). PM Monitoring Type = No particulate monitoring. Facility Type = The affected facility includes a fuel gas combustion device. Opacity Monitoring Type = No particulate (opacity) monitoring. Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da. 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. 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. NOx Monitoring Type = Continuous emission monitoring system. Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices. Electrical or Mechanical Output = 10% or less of the annual output is electrical or mechanical. SO2 Monitoring Type = No SO_2 monitoring. 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. Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J. 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. Technology Type = None. ACF Option - SO2 = Other ACF or no ACF. 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. Unit Type = OTHER UNIT TYPE ACF Option - PM = Other ACF or no ACF. Electricity Only = The facility does not generate electricity only. Heat Release Rate = Natural gas oil with a heat release rate greater than 70 MBtu/hr/ft^3. 60.49Da(n) Alternative = The facility is not using the § 60.49Da(n) alternative. ACF Option - NOx = Other ACF or no ACF. 60.49Da(m) Alternative = The facility is not using the § 60.49Da(m) alternative.	
B-27	30 TAC Chapter 117, Subchapter B	R7ICI-1	NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. UNIT TYPE = Other industrial, commercial, or institutional boiler. MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr. NOX MONITORING SYSTEM = Continuous emissions monitoring system. FUEL FLOW MONITORING = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1). EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases. NH3 EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2). NOX EMISSION LIMIT AVERAGE = Emission limit in pounds/MMBtu on a rolling 30-day average. NH3 EMISSION MONITORING = Stain tube NOX REDUCTIONS = Post combustion control technique with ammonia injection. ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on rolling 12-month average.	
B-27	40 CFR Part 60, Subpart Db	60DB-1	Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted. Construction/Modification Date = Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005. D-Series Fuel Type #1 = Natural gas. Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW). PM Monitoring Type = No particulate monitoring. Facility Type = The affected facility includes a fuel gas combustion device. Opacity Monitoring Type = No particulate (opacity) monitoring. Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da. 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. 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. NOx Monitoring Type = Continuous emission monitoring system. Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices. Electrical or Mechanical Output = 10% or less of the annual output is electrical or mechanical. SO2 Monitoring Type = No SO_2 monitoring. 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. Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J. 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. Technology Type = None. ACF Option - SO2 = Other ACF or no ACF. Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines. Unit Type = OTHER UNIT TYPE ACF Option - PM = Other ACF or no ACF. Electricity Only = The facility does not generate electricity only. Heat Release Rate = Natural gas oil with a heat release rate greater than 70 MBtu/hr/ft^3. 60.49Da(n) Alternative = The facility is not using the § 60.49Da(n) alternative. ACF Option - NOx = Other ACF or no ACF. 60.49Da(m) Alternative = The facility is not using the § 60.49Da(m) alternative.	
B-32	30 TAC Chapter 117, Subchapter B	R7ICI-1	NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. UNIT TYPE = Other industrial, commercial, or institutional boiler. MAXIMUM RATED CAPACITY = MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr. NOX MONITORING SYSTEM = Continuous emissions monitoring system. FUEL FLOW MONITORING = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO MONITORING SYSTEM = Monitored by method other than CEMS or PEMS. EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases. NH3 EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2). NOX EMISSION LIMIT AVERAGE = Emission limit in pounds/MMBtu on a rolling 30-day average. NH3 EMISSION MONITORING = Stain tube NOX REDUCTIONS = Post combustion control technique with ammonia injection. ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on rolling 12-month average.	
B-32	40 CFR Part 60, Subpart Db	60DB-1	60.42b(k)(2) Low Sulfur Exemption = The § 60.42b(k)(2) exemption does not apply. Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted. Construction/Modification Date = Constructed or reconstructed after February 28, 2005. D-Series Fuel Type #1 = Natural gas. Heat Input Capacity = Heat input capacity is greater than 100 MMBtu/hr (29 MW) but less than or equal to 250 MMBtu/hr (73 MW). PM Monitoring Type = No particulate monitoring. Facility Type = The affected facility includes a fuel gas combustion device. Opacity Monitoring Type = No particulate (opacity) monitoring. Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			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. 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. NOx Monitoring Type = Continuous emission monitoring system. Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices. Electrical or Mechanical Output = 10% or less of the annual output is electrical or mechanical. SO2 Monitoring Type = No SO_2 monitoring. 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. Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J. 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. Technology Type = None. ACF Option - SO2 = Other ACF or no ACF. 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. Unit Type = OTHER UNIT TYPE ACF Option - PM = Other ACF or no ACF. Electricity Only = The facility does not generate electricity only. Heat Release Rate = Natural gas oil with a heat release rate greater than 70 MBtu/hr/ft^3. 60.49Da(n) Alternative = The facility is not using the § 60.49Da(n) alternative. ACF Option - NOx = Other ACF or no ACF. 60.49Da(m) Alternative = The facility is not using the § 60.49Da(m) alternative.	
B-33	30 TAC Chapter 117, Subchapter B	R7ICI-1	NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. UNIT TYPE = Other industrial, commercial, or institutional boiler. MAXIMUM RATED CAPACITY = MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr. NOX MONITORING SYSTEM = Continuous emissions monitoring system. FUEL FLOW MONITORING = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO MONITORING SYSTEM = Monitored by method other than CEMS or PEMS. EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases. NH3 EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOX EMISSION LIMIT AVERAGE = Emission limit in pounds/MMBtu on a rolling 30-day average. NH3 EMISSION MONITORING = Stain tube NOX REDUCTIONS = Post combustion control technique with ammonia injection. ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on rolling 12-month average.	
B-33	40 CFR Part 60, Subpart Db	60DB-1	60.42b(k)(2) Low Sulfur Exemption = The § 60.42b(k)(2) exemption does not apply. Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted. Construction/Modification Date = Constructed or reconstructed after February 28, 2005. D-Series Fuel Type #1 = Natural gas. Heat Input Capacity = Heat input capacity is greater than 100 MMBtu/hr (29 MW) but less than or equal to 250 MMBtu/hr (73 MW). PM Monitoring Type = No particulate monitoring. Facility Type = The affected facility includes a fuel gas combustion device. Opacity Monitoring Type = No particulate (opacity) monitoring. Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da. 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. 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. NOx Monitoring Type = Continuous emission monitoring system. Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices. Electrical or Mechanical Output = 10% or less of the annual output is electrical or mechanical. SO2 Monitoring Type = No SO_2 monitoring. 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. Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J. 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. Technology Type = None. ACF Option - SO2 = Other ACF or no ACF. 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. Unit Type = OTHER UNIT TYPE ACF Option - PM = Other ACF or no ACF. Electricity Only = The facility does not generate electricity only. Heat Release Rate = Natural gas oil with a heat release rate greater than 70 MBtu/hr/ft^3.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			60.49Da(n) Alternative = The facility is not using the § 60.49Da(n) alternative. ACF Option - NOx = Other ACF or no ACF. 60.49Da(m) Alternative = The facility is not using the § 60.49Da(m) alternative.	
B-34	30 TAC Chapter 117, Subchapter B	R7ICI-1	NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. UNIT TYPE = Other industrial, commercial, or institutional boiler. MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr. NOX MONITORING SYSTEM = Continuous emissions monitoring system. FUEL FLOW MONITORING = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1). EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid. INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases. NH3 EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2). NOX EMISSION LIMIT AVERAGE = Emission limit in pounds/MMBtu on a rolling 30-day average. NH3 EMISSION MONITORING = Stain tube NOX REDUCTIONS = Post combustion control technique with ammonia injection. ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on rolling 12-month average.	
B-34	40 CFR Part 60, Subpart Db	60DB-1	60.42b(k)(2) Low Sulfur Exemption = The § 60.42b(k)(2) exemption does not apply. Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted. Construction/Modification Date = Constructed or reconstructed after February 28, 2005. D-Series Fuel Type #1 = Natural gas. Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW). PM Monitoring Type = No particulate monitoring. Facility Type = The affected facility includes a fuel gas combustion device. Opacity Monitoring Type = No particulate (opacity) monitoring. Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da. 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. 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. NOx Monitoring Type = Continuous emission monitoring system. Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			devices. Electrical or Mechanical Output = 10% or less of the annual output is electrical or mechanical. SO2 Monitoring Type = No SO_2 monitoring. 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. Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J. 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. Technology Type = None. ACF Option - SO2 = Other ACF or no ACF. 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. Unit Type = OTHER UNIT TYPE ACF Option - PM = Other ACF or no ACF. Electricity Only = The facility does not generate electricity only. Heat Release Rate = Natural gas oil with a heat release rate greater than 70 MBtu/hr/ft^3. 60.49Da(n) Alternative = The facility is not using the § 60.49Da(n) alternative. ACF Option - NOx = Other ACF or no ACF. 60.49Da(m) Alternative = The facility is not using the § 60.49Da(m) alternative.	
B-34	40 CFR Part 63, Subpart DDDDD	63DDDDD-1	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	The main standard, related standards, monitoring/testing, recordkeeping, and reporting rule citations were determined from an analysis of the rule text and the basis of determination.
H-44	40 CFR Part 60, Subpart Db	60DB-1	Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted. Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997. D-Series Fuel Type #1 = Natural gas. Heat Input Capacity = Heat input capacity is greater than 100 MMBtu/hr (29 MW) but less than or equal to 250 MMBtu/hr (73 MW). PM Monitoring Type = No particulate monitoring. Facility Type = The affected facility includes a fuel gas combustion device. Opacity Monitoring Type = No particulate (opacity) monitoring. Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da. 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. Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device. NOx Monitoring Type = Continuous emission monitoring system. Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices. SO2 Monitoring Type = No SO_2 monitoring. 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. Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J. 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. Technology Type = None. ACF Option - SO2 = Other ACF or no ACF. 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. Unit Type = OTHER UNIT TYPE ACF Option - PM = Other ACF or no ACF. Heat Release Rate = Natural gas with a heat release rate less than or equal to 70 MBtu/hr/ft^3. 60.49Da(n) Alternative = The facility is not using the § 60.49Da(n) alternative. ACF Option - NOx = Other ACF or no ACF. 60.49Da(m) Alternative = The facility is not using the § 60.49Da(m) alternative.	
FL-1	30 TAC Chapter 111, Visible Emissions	R1111-1	ACID GASES ONLY [REG I] = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. EMERGENCY/UPSET CONDITIONS ONLY [REG I] = Flare is used under conditions other than emergency or upset conditions. ALTERNATE OPACITY LIMITATION [REG I] = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FL-1	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	MONITORING REQUIREMENTS = Flare is complying with the continuous monitoring requirements of § 115.725(d). OUT OF SERVICE = Flare was not permanently out of service by April 1, 2006. TOTAL GAS STREAM = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time. GAS STREAM CONCENTRATION = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time. ALTERNATIVE MONITORING = No alternative monitoring and test methods are used. §115.725(h)(4) ALTERNATIVE = Using the continuous monitoring requirements in § 115.725(d)(2). MINOR MODIFICATION = No minor modifications to the monitoring and test methods are used. TANK SERVICE = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC. FLARE TYPE = Flare is in multi-purpose service.	
FL-1	40 CFR Part 60, Subpart A	60A-1	SUBJECT TO 40 CFR 60.18 = Flare is subject to 40 CFR § 60.18. ADHERING TO HEAT CONTENT SPECIFICATIONS = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			FLARE ASSIST TYPE [NSPS A, NESHAP A, AND/OR MACT A] = Steam-assisted FLARE EXIT VELOCITY [NSPS A, NESHAP A, AND/OR MACT A] = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL-1	40 CFR Part 63, Subpart A	63A-1	REQUIRED UNDER 40 CFR 63 = Flare is required by a Subpart under 40 CFR Part 63. HEAT CONTENT SPECIFICATION = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). FLARE ASSIST TYPE = Steam assisted FLARE EXIT VELOCITY = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL-2	30 TAC Chapter 111, Visible Emissions	R1111-1	ACID GASES ONLY [REG I] = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. EMERGENCY/UPSET CONDITIONS ONLY [REG I] = Flare is used under conditions other than emergency or upset conditions. ALTERNATE OPACITY LIMITATION [REG I] = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FL-2	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	MONITORING REQUIREMENTS = Flare is complying with the continuous monitoring requirements of § 115.725(d). OUT OF SERVICE = Flare was not permanently out of service by April 1, 2006. TOTAL GAS STREAM = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time. GAS STREAM CONCENTRATION = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time. ALTERNATIVE MONITORING = No alternative monitoring and test methods are used. §115.725(h)(4) ALTERNATIVE = Using the continuous monitoring requirements in § 115.725(d)(2). MINOR MODIFICATION = No minor modifications to the monitoring and test methods are used. TANK SERVICE = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC. FLARE TYPE = Flare is in multi-purpose service.	
FL-2	40 CFR Part 60, Subpart A	60A-1	SUBJECT TO 40 CFR 60.18 = Flare is subject to 40 CFR § 60.18. ADHERING TO HEAT CONTENT SPECIFICATIONS = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). FLARE ASSIST TYPE [NSPS A, NESHAP A, AND/OR MACT A] = Steam-assisted FLARE EXIT VELOCITY [NSPS A, NESHAP A, AND/OR MACT A] = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL-2	40 CFR Part 63, Subpart A	63A-1	REQUIRED UNDER 40 CFR 63 = Flare is required by a Subpart under 40 CFR Part 63. HEAT CONTENT SPECIFICATION = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). FLARE ASSIST TYPE = Steam assisted FLARE EXIT VELOCITY = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL-3	30 TAC Chapter 111, Visible Emissions	R1111-1	ACID GASES ONLY [REG I] = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. EMERGENCY/UPSET CONDITIONS ONLY [REG I] = Flare is used under conditions other than emergency or upset conditions. ALTERNATE OPACITY LIMITATION [REG I] = Not complying with an alternate opacity limit under 30 TAC §	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			111.113.	
FL-3	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	MONITORING REQUIREMENTS = Flare is complying with the continuous monitoring requirements of § 115.725(d). OUT OF SERVICE = Flare was not permanently out of service by April 1, 2006. TOTAL GAS STREAM = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time. GAS STREAM CONCENTRATION = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time. ALTERNATIVE MONITORING = No alternative monitoring and test methods are used. §115.725(h)(4) ALTERNATIVE = Using the continuous monitoring requirements in § 115.725(d)(2). MINOR MODIFICATION = No minor modifications to the monitoring and test methods are used. TANK SERVICE = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC. FLARE TYPE = Flare is in multi-purpose service.	
FL-3	40 CFR Part 60, Subpart A	60A-1	SUBJECT TO 40 CFR 60.18 = Flare is subject to 40 CFR § 60.18. ADHERING TO HEAT CONTENT SPECIFICATIONS = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). FLARE ASSIST TYPE [NSPS A, NESHAP A, AND/OR MACT A] = Steam-assisted FLARE EXIT VELOCITY [NSPS A, NESHAP A, AND/OR MACT A] = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL-3	40 CFR Part 63, Subpart A	63A-1	REQUIRED UNDER 40 CFR 63 = Flare is required by a Subpart under 40 CFR Part 63. HEAT CONTENT SPECIFICATION = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). FLARE ASSIST TYPE = Steam assisted FLARE EXIT VELOCITY = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL-4	30 TAC Chapter 111, Visible Emissions	R1111-1	ACID GASES ONLY [REG I] = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. EMERGENCY/UPSET CONDITIONS ONLY [REG I] = Flare is used under conditions other than emergency or upset conditions. ALTERNATE OPACITY LIMITATION [REG I] = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FL-4	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	MONITORING REQUIREMENTS = Flare is complying with the continuous monitoring requirements of § 115.725(d). OUT OF SERVICE = Flare was not permanently out of service by April 1, 2006. TOTAL GAS STREAM = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time. GAS STREAM CONCENTRATION = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time. ALTERNATIVE MONITORING = No alternative monitoring and test methods are used. §115.725(h)(4) ALTERNATIVE = Using the continuous monitoring requirements in § 115.725(d)(2). MINOR MODIFICATION = No minor modifications to the monitoring and test methods are used. TANK SERVICE = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC. FLARE TYPE = Flare is in multi-purpose service.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FL-4	40 CFR Part 60, Subpart A	60A-1	SUBJECT TO 40 CFR 60.18 = Flare is subject to 40 CFR § 60.18. ADHERING TO HEAT CONTENT SPECIFICATIONS = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). FLARE ASSIST TYPE [NSPS A, NESHAP A, AND/OR MACT A] = Steam-assisted FLARE EXIT VELOCITY [NSPS A, NESHAP A, AND/OR MACT A] = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL-4	40 CFR Part 63, Subpart A	63A-1	REQUIRED UNDER 40 CFR 63 = Flare is required by a Subpart under 40 CFR Part 63. HEAT CONTENT SPECIFICATION = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). FLARE ASSIST TYPE = Steam assisted FLARE EXIT VELOCITY = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL-5	30 TAC Chapter 111, Visible Emissions	R1111-1	ACID GASES ONLY [REG I] = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. EMERGENCY/UPSET CONDITIONS ONLY [REG I] = Flare is used under conditions other than emergency or upset conditions. ALTERNATE OPACITY LIMITATION [REG I] = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FL-5	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	MONITORING REQUIREMENTS = Flare is complying with the continuous monitoring requirements of § 115.725(d). OUT OF SERVICE = Flare was not permanently out of service by April 1, 2006. TOTAL GAS STREAM = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time. GAS STREAM CONCENTRATION = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time. ALTERNATIVE MONITORING = No alternative monitoring and test methods are used. §115.725(h)(4) ALTERNATIVE = Using the continuous monitoring requirements in § 115.725(d)(2). MINOR MODIFICATION = No minor modifications to the monitoring and test methods are used. TANK SERVICE = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC. FLARE TYPE = Flare is in multi-purpose service.	
FL-5	40 CFR Part 60, Subpart A	60A-1	SUBJECT TO 40 CFR 60.18 = Flare is subject to 40 CFR § 60.18. ADHERING TO HEAT CONTENT SPECIFICATIONS = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). FLARE ASSIST TYPE [NSPS A, NESHAP A, AND/OR MACT A] = Steam-assisted FLARE EXIT VELOCITY [NSPS A, NESHAP A, AND/OR MACT A] = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FL-5	40 CFR Part 63, Subpart A	63A-1	REQUIRED UNDER 40 CFR 63 = Flare is required by a Subpart under 40 CFR Part 63. HEAT CONTENT SPECIFICATION = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). FLARE ASSIST TYPE = Steam assisted FLARE EXIT VELOCITY = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GSRU	30 TAC Chapter 112, Sulfur Compounds	REG2-1	Sulfur Recovery Plant = The gas sweetening unit is using sulfur recovery. Stack Height = Effective stack height less than standard effective stack height.	
SPSRU	30 TAC Chapter 112, Sulfur Compounds	REG2-1	Sulfur Recovery Plant = The gas sweetening unit is using sulfur recovery. Stack Height = Effective stack height greater than or equal to the standard effective stack height.	
C-137	40 CFR Part 60, Subpart GGG	60GGG-1	ANY COMPRESSORS = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = NO FLANGES AND OTHER CONNECTORS = NO FLARE = NO SAMPLING CONNECTION SYSTEMS = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = NO VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = NO COMPRESSORS IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = YES COMPLYING WITH § 60.482-10 = NO COMPLYING WITH § 60.482-5 = NO COMPLYING WITH § 60.482-7 = NO COMPLYING WITH § 60.482-8 = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-2 = NO OPEN-ENDED VALVES OR LINES = NO VALVES IN HEAVY LIQUID SERVICE = NO COMPLYING WITH § 60.482-3 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = NO COMPLYING WITH § 60.482-6 = NO COMPLYING WITH § 60.482-8 = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO COMPLYING WITH § 60.482-8 = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = NO	
C-141	40 CFR Part 60, Subpart GGG	60GGG-1	ANY COMPRESSORS = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = NO FLANGES AND OTHER CONNECTORS = NO FLARE = NO SAMPLING CONNECTION SYSTEMS = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = NO VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = NO COMPRESSORS IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = YES COMPLYING WITH § 60.482-10 = NO COMPLYING WITH § 60.482-5 = NO COMPLYING WITH § 60.482-7 = NO COMPLYING WITH § 60.482-8 = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-2 = NO OPEN-ENDED VALVES OR LINES = NO VALVES IN HEAVY LIQUID SERVICE = NO COMPLYING WITH § 60.482-3 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = NO COMPLYING WITH § 60.482-6 = NO COMPLYING WITH § 60.482-8 = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			COMPLYING WITH § 60.482-8 = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = NO	
C-142	40 CFR Part 60, Subpart GGG	60GGG-1	ANY COMPRESSORS = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = NO FLANGES AND OTHER CONNECTORS = NO FLARE = NO SAMPLING CONNECTION SYSTEMS = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = NO VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = NO COMPRESSORS IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = YES COMPLYING WITH § 60.482-10 = NO COMPLYING WITH § 60.482-5 = NO COMPLYING WITH § 60.482-7 = NO COMPLYING WITH § 60.482-8 = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-2 = NO OPEN-ENDED VALVES OR LINES = NO VALVES IN HEAVY LIQUID SERVICE = NO COMPLYING WITH § 60.482-3 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = NO COMPLYING WITH § 60.482-6 = NO COMPLYING WITH § 60.482-8 = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO COMPLYING WITH § 60.482-8 = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = NO	
CUBFUG	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-3 - 9	Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = All components contact only a process fluid that contains less than 5.0% HRVOC by weight on an annual average basis.	
CUBFUG	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-6 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = NO FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = NO PROCESS DRAINS/VOC SERVICE [REG V] = NO PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = NO RELIEF VALVES WITH RUPTURE DISK OR VENTO TO A CONTROL DEVICE Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = NO Complying wIth § 115.352(1) = Valves are complying with § 115.352(1).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying With § 115.352(1) = No pressure relief valves are complying with § 115.352(1). Complying With § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = NO TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Valves contact a process fluid with a TVP greater than 0.044 psia at 68° F. Complying With § 115.352(1) = NO OTHER SEALS	
CUBFUG	40 CFR Part 60, Subpart GGG	60GGG-3 - 9	ANY COMPRESSORS = NO CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = NO FLANGES AND OTHER CONNECTORS = YES FLARE = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = NO COMPRESSORS IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = NO COMPLYING WITH § 60.482-10 = NO COMPLYING WITH § 60.482-5 = YES COMPLYING WITH § 60.482-7 = YES COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-2 = YES OPEN-ENDED VALVES OR LINES = YES VALVES IN HEAVY LIQUID SERVICE = NO COMPLYING WITH § 60.482-3 = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = NO COMPLYING WITH § 60.482-6 = YES COMPLYING WITH § 60.482-8 = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO COMPLYING WITH § 60.482-8 = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = NO	
CUBFUG	40 CFR Part 63, Subpart CC	63CC-3 - 10	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = NO OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = NO PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			VACUUM SERVICE = NO VALVES IN HEAVY LIQUID SERVICE = NO VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = NO PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = NO OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = NO VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = NO FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = NO FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = NO SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = NO	
F-01	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-01	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-01	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-01	40 CFR Part 63, Subpart CC	63CC-2 - 12	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = YES FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-02	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit contains compressor seals.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = Pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = Compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit contains pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-02	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 15	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 0.044 psia at 68° F = No agitators contact a process fluid with a TVP less than or	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			equal to 0.044 psia at 68° F. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-02	40 CFR Part 60, Subpart GGG	60GGG-2 - 12	ANY COMPRESSORS = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = YES FLANGES AND OTHER CONNECTORS = YES FLARE = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = NO COMPRESSORS IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = NO COMPLYING WITH § 60.482-10 = NO COMPLYING WITH § 60.482-10 = YES COMPLYING WITH § 60.482-5 = YES COMPLYING WITH § 60.482-7 = YES COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-2 = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			OPEN-ENDED VALVES OR LINES = YES VALVES IN HEAVY LIQUID SERVICE = YES COMPLYING WITH § 60.482-3 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES COMPLYING WITH § 60.482-6 = YES COMPLYING WITH § 60.482-8 = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = YES	
F-02	40 CFR Part 63, Subpart CC	63CC-2 - 12	ANY (INSTRUMENTATION SYSTEMS) = YES ANY (OPEN-ENDED VALVES OR LINES) = YES ENCLOSED COMBUSTION DEVICES = NO EXISTING SOURCE = NO LIGHT LIQUID SERVICE (NON-RECIPROCATING PUMPS) = YES ANY (CLOSED-VENT SYSTEMS) = YES HEAVY LIQUID SERVICE (NON-RECIPROCATING PUMPS) = YES HEAVY LIQUID SERVICE (OPEN-ENDED VALVES OR LINES) = NO AMEL = NO FLARES = YES GAS/VAPOR OR LIGHT LIQUID SERVICE (VALVES) = YES HYDROGEN SERVICE (COMPRESSORS) = FUGITIVE UNIT HAS NO COMPRESSORS IN HYDROGEN SERVICE RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = NO MONITORING CONNECTORS (VALVES) = NO NOT IN HYDROGEN SERVICE (COMPRESSORS) = YES CLOSED VENT SYSTEM, BYPASS LINES = NO GAS/VAPOR SERVICE (PRESSURE RELIEF DEVICES) = YES LEAKLESS PHASE III VALVES = NO CLOSED VENT SYSTEM, UNSAFE TO INSPECT = NO HEAVY LIQUID SERVICE (VALVES) = YES LIQUID SERVICE (PRESSURE RELIEF DEVICES) = YES ANY (SAMPLING CONNECTION SYSTEMS) = YES CLOSED VENT SYSTEM, DIFFICULT TO INSPECT = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			GAS/VAPOR OR LIGHT LIQUID SERVICE (CONNECTORS) = YES HEAVY LIQUID SERVICE (SAMPLING CONNECTION SYSTEMS) = YES MONITORING VALVES (CONNECTORS) = NO SUBPART H PROGRAM (CONNECTORS) = YES RANDOM 200 (CONNECTORS) = NO HEAVY LIQUID SERVICE (CONNECTORS) = YES	
F-07	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-07	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 15	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = NO FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = NO OTHER SEALS	
F-07	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-07	40 CFR Part 63, Subpart CC	63CC-2 - 11	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = NO VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = NO FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-10	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-10	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = NO FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = NO OTHER SEALS	
F-10	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-10	40 CFR Part 63, Subpart CC	63CC-2 - 11	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = NO FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-11	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-11	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = NO FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = NO TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = NO OTHER SEALS	
F-11	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-11	40 CFR Part 63, Subpart CC	63CC-2 - 11	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = NO VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = NO VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = NO FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = NO SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = NO	
F-15	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-15	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 15	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = NO FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = NO OTHER SEALS	
F-15	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-15	40 CFR Part 63, Subpart CC	63CC-2 - 12	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = NO FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-17	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-17	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 15	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are in hydrogen service and the hydrogen content can be reasonably expected to always exceed 50% by volume. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = NO OTHER SEALS	
F-17	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-17	40 CFR Part 63,	63CC-1 - 11	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Subpart CC		COMPRESSOR IN HYDROGEN SERVICE = YES ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = NO FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-27	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit contains pump seals. ACR = No pressure relief valves are complying with an alternate control requirement.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-27	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 15	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are not in hydrogen service or are in hydrogen service	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			and the hydrogen content cannot be reasonably expected to always exceed 50% by volume. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-27	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-27	40 CFR Part 63, Subpart CC	63CC-2 - 12	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = YES ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = YES FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-28	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit contains compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = Pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit contains pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-28	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-28	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-29	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-29	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-29	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-29	40 CFR Part 63, Subpart CC	63CC-2 - 12	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = YES ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			COMPRESSOR COMPLYING WITH § 60.482-3 = YES FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-31	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-31	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are in hydrogen service and the hydrogen content can be reasonably expected to always exceed 50% by volume. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-31	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-31	40 CFR Part 63, Subpart CC	63CC-1 - 11	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = NO FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-33	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit does not contain pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			emission of VOC from the seal. Complying with § 115.781(b)(9) = No pressure relief valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Flanges or other connectors are complying with the requirements of § 115.781(b)(9).	
F-33	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit contains agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = Agitators are complying with § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are not in hydrogen service or are in hydrogen service	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			and the hydrogen content cannot be reasonably expected to always exceed 50% by volume. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-33	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-33	40 CFR Part 63, Subpart CC	63CC-2 - 11	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = NO OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = NO VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = NO OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = NO FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-35	30 TAC Chapter 115, HRVOC Fugitive	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Emissions		Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-35	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = NO FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = NO PUMP SEALS IN VOC SERVICE [REG V] = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = NO OTHER SEALS	
F-35	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-36	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-36	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are in hydrogen service and the hydrogen content can be reasonably expected to always exceed 50% by volume. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-36	40 CFR Part 60, Subpart GGG	60GGG-1 - 11	ANY COMPRESSORS = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = YES FLANGES AND OTHER CONNECTORS = YES FLARE = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = ALL OR SOME COMPRESSORS ARE IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = NO COMPLYING WITH § 60.482-10 = NO COMPLYING WITH § 60.482-10 = YES COMPLYING WITH § 60.482-5 = YES COMPLYING WITH § 60.482-7 = YES COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-2 = YES OPEN-ENDED VALVES OR LINES = YES VALVES IN HEAVY LIQUID SERVICE = YES COMPLYING WITH § 60.482-3 = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES COMPLYING WITH § 60.482-6 = YES COMPLYING WITH § 60.482-8 = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = YES	
F-36	40 CFR Part 63, Subpart CC	63CC-1 - 11	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = YES ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = NO FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-40	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-40	30 TAC Chapter 115, Pet. Refinery	R5352-1 - 15	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	& Petrochemicals		alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are in hydrogen service and the hydrogen content can be reasonably expected to always exceed 50% by volume. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-40	40 CFR Part 60, Subpart GGG	60GGG-1 - 11	ANY COMPRESSORS = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = YES FLANGES AND OTHER CONNECTORS = YES FLARE = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = ALL OR SOME COMPRESSORS ARE IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = NO COMPLYING WITH § 60.482-10 = NO COMPLYING WITH § 60.482-10 = YES COMPLYING WITH § 60.482-5 = YES COMPLYING WITH § 60.482-7 = YES COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-2 = YES OPEN-ENDED VALVES OR LINES = YES VALVES IN HEAVY LIQUID SERVICE = YES COMPLYING WITH § 60.482-3 = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES COMPLYING WITH § 60.482-6 = YES COMPLYING WITH § 60.482-8 = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = YES	
F-40	40 CFR Part 63, Subpart CC	63CC-1 - 11	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = YES ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = NO FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-41	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit contains compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = Compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-41	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 0.044 psia at 68° F = Valves contact a process fluid with a TVP less than or equal to	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			0.044 psia at 68° F. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-41	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-41	40 CFR Part 63, Subpart CC	63CC-2 - 12	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = NO OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = NO VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = YES ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			PUMP EQUIVALENT EMISSION LIMITATION = NO ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = NO OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = YES FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-45	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = All components contact only a process fluid that contains less than 5.0% HRVOC by weight on an annual average basis.	
F-45	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 15	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 0.044 psia at 68° F = No pressure relief valves contact a process fluid with a TVP of	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-45	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-45	40 CFR Part 63, Subpart CC	63CC-2 - 12	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = NO OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = NO VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = YES ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = NO OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = YES FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-47	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit does not contain valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit does not contain pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No pressure relief valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Flanges or other connectors are complying with the requirements of § 115.781(b)(9).	
F-47	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = NO FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = NO PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Valves contact a process fluid with a TVP greater than 0.044 psia at 68° F. Complying With § 115.352(1) = NO OTHER SEALS	
F-47	40 CFR Part 60, Subpart GGG	60GGG-1	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983	
F-52	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-52	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are in hydrogen service and the hydrogen content can be reasonably expected to always exceed 50% by volume. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-52	40 CFR Part 60, Subpart GGG	60GGG-1 - 12	ANY COMPRESSORS = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = YES FLANGES AND OTHER CONNECTORS = YES FLARE = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = ALL OR SOME COMPRESSORS ARE IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			PUMPS IN LIGHT LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = NO COMPLYING WITH § 60.482-10 = NO COMPLYING WITH § 60.482-10 = YES COMPLYING WITH § 60.482-5 = YES COMPLYING WITH § 60.482-7 = YES COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-2 = YES OPEN-ENDED VALVES OR LINES = YES VALVES IN HEAVY LIQUID SERVICE = YES COMPLYING WITH § 60.482-3 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES COMPLYING WITH § 60.482-6 = YES COMPLYING WITH § 60.482-8 = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = YES	
F-52	40 CFR Part 63, Subpart CC	63CC-1 - 11	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = YES ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			COMPRESSOR NOT IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = NO FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-57	30 TAC Chapter 115, HRVOC Fugitive	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Emissions		Compressor Seals = The fugitive unit contains compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = Pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit contains pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-57	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-57	40 CFR Part 60, Subpart GGG	60GGG-2 - 12	ANY COMPRESSORS = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = YES FLANGES AND OTHER CONNECTORS = YES FLARE = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = NO COMPRESSORS IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = NO COMPLYING WITH § 60.482-10 = NO COMPLYING WITH § 60.482-10 = YES COMPLYING WITH § 60.482-5 = YES COMPLYING WITH § 60.482-7 = YES COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			COMPLYING WITH § 60.482-2 = YES OPEN-ENDED VALVES OR LINES = YES VALVES IN HEAVY LIQUID SERVICE = YES COMPLYING WITH § 60.482-3 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES COMPLYING WITH § 60.482-6 = YES COMPLYING WITH § 60.482-8 = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = YES	
F-57	40 CFR Part 63, Subpart CC	63CC-2 - 12	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = YES ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = YES FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-61	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-61	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are in hydrogen service and the hydrogen content can be reasonably expected to always exceed 50% by volume. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-61	40 CFR Part 60, Subpart GGG	60GGG-1 - 12	ANY COMPRESSORS = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = YES FLANGES AND OTHER CONNECTORS = YES FLARE = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = ALL OR SOME COMPRESSORS ARE IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = NO COMPLYING WITH § 60.482-10 = NO COMPLYING WITH § 60.482-10 = YES COMPLYING WITH § 60.482-5 = YES COMPLYING WITH § 60.482-7 = YES COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-2 = YES OPEN-ENDED VALVES OR LINES = YES VALVES IN HEAVY LIQUID SERVICE = YES COMPLYING WITH § 60.482-3 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			COMPLYING WITH § 60.482-6 = YES COMPLYING WITH § 60.482-8 = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = YES	
F-61	40 CFR Part 63, Subpart CC	63CC-1 - 12	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = YES ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = YES ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = YES FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-62	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Agitators = The fugitive unit does not contain agitators. Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358. Compressor Seals = The fugitive unit does not contain compressor seals. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Process Drains = The fugitive unit does not contain process drains. Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No process drains are complying with an alternate control requirement. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Complying with § 115.781(b)(9) = No process drains are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Pumps with Shaft Seal System = No pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Bypass Line Valves = The fugitive unit does not contain bypass line valves. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			detects emission of VOC from the seal. Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Pump Seals = The fugitive unit does not contain pump seals. ACR = No pressure relief valves are complying with an alternate control requirement. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Complying with § 115.781(b)(9) = No bypass line valves are complying with the requirements of § 115.781(b)(9). Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9).	
F-62	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 14	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = YES TVP of Process Fluid VOC <= 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. TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = YES	
F-62	40 CFR Part 60, Subpart GGG	60GGG-2 - 12	ANY COMPRESSORS = YES CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = YES FLANGES AND OTHER CONNECTORS = YES FLARE = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = ALL OR SOME COMPRESSORS ARE IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = NO COMPLYING WITH § 60.482-10 = NO COMPLYING WITH § 60.482-10 = YES COMPLYING WITH § 60.482-5 = YES COMPLYING WITH § 60.482-7 = YES COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-2 = YES OPEN-ENDED VALVES OR LINES = YES VALVES IN HEAVY LIQUID SERVICE = YES COMPLYING WITH § 60.482-3 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES COMPLYING WITH § 60.482-6 = YES COMPLYING WITH § 60.482-8 = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = YES	
F-62	40 CFR Part 63, Subpart CC	63CC-2 - 12	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = YES ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = YES VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = YES FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = YES SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = YES	
F-67	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1 - 10	Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = All components contact only a process fluid that contains less than 5.0% HRVOC by weight on an annual average basis.	
F-67	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-1 - 15	Agitators = The fugitive unit does not contain agitators. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358. COMPRESSOR SEALS/VOC SERVICE [REG V] = NO FLANGES = YES OPEN-ENDED VALVES ANDLINES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES PUMP SEALS IN VOC SERVICE [REG V] = YES RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE. Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether (MTBE) manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10. VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES ACR = NO ACR FOR FLANGES = NO ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO INSTRUMENTATION SYSTEMS = FUGITIVE UNIT HAS INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169 WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE MANUFACTURING PROCESSES) COMPLYING WITH §115.352(1) = YES COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES Complying wIth § 115.352(1) = Valves are complying with § 115.352(1). Complying With § 115.352(1) = Pressure relief valves are complying with § 115.352(1). Complying WIth § 115.352(1) = No agitators are complying with § 115.352(1). Hydrogen Content to Exceed 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. RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.002 PSIA = FUGITIVE UNIT DOES NOT HAVE COMPONENTS THAT CONTACT A PROCESS FLUID CONTAINING A PROCESS FLUID CONTAINING VOC HAVING A TRUE VAPOR PRESSURE OF 0.002 PSIA OR LESS Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC <= 0.044 PSI @ 68° = NO TVP of Process Fluid VOC <= 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. TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES TVP GREATER THAN 0.044 PSIA AT 68 DEGREES F--PROCESS DRAINS [REG V] = PROCESS FLUID HAS A TRUE VAPOR PRESSURE (TVP) GREATER THAN 0.044 PSIA AT 68 DEGREES FAHRENHEIT TVP OF PROCESS FLUID > 0.044 PSIA = YES TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO TVP OF PROCESS FLUID VOC > 0.044 PSIA @ 68° F = YES TVP of Process Fluid VOC > 0.044 psia at 68° F = No agitators contact a process fluid with a TVP greater than 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Complying With § 115.352(1) = NO OTHER SEALS	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-67	40 CFR Part 60, Subpart GGG	60GGG-3 - 11	ANY COMPRESSORS = NO CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = YES FLANGES AND OTHER CONNECTORS = YES FLARE = YES SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = NO COMPRESSORS IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = NO COMPLYING WITH § 60.482-10 = NO COMPLYING WITH § 60.482-10 = YES COMPLYING WITH § 60.482-5 = YES COMPLYING WITH § 60.482-7 = YES COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-2 = YES OPEN-ENDED VALVES OR LINES = YES VALVES IN HEAVY LIQUID SERVICE = NO COMPLYING WITH § 60.482-3 = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES COMPLYING WITH § 60.482-6 = YES COMPLYING WITH § 60.482-8 = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES COMPLYING WITH § 60.482-8 = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-67	40 CFR Part 63, Subpart CC	63CC-2 - 11	CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES COMPRESSOR IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE = NO EXISTING SOURCE = YES FLARE = YES OPEN-ENDED VALVES OR LINES = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = YES PRESSURE RELIEF DEVICE IN HEAVY LIQUID SERVICE = NO VACUUM SERVICE = YES VALVES IN HEAVY LIQUID SERVICE = NO VAPOR RECOVERY SYSTEM = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS EQUIVALENT EMISSION LIMITATION = NO COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES COMPRESSOR NOT IN HYDROGEN SERVICE = NO ENCLOSED COMBUSTION DEVICE EQUIVALENT EMISSION LIMITATION = NO FLARE EQUIVALENT EMISSION LIMITATION = NO OPEN-ENDED VALVES OR LINES EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICE COMPLYING WITH § 60.482-4(A)-(B) = YES PUMP IN LIGHT LIQUID SERVICE = YES VALVES IN HEAVY LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO AMEL = NO COMPRESSOR EQUIVALENT EMISSION LIMITATION = NO PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = YES PUMP EQUIVALENT EMISSION LIMITATION = NO CLOSED VENT (OR VAPOR COLLETION) SYSTEMS COMPLYING WITH § 60.482-10 = YES ENCLOSED COMBUSTION DEVICE COMPLYING WITH § 60.482-10 = NO EQUIVALENT EMISSION LIMIT = NO FLARE COMPLYING WITH §60.482-10 = YES OPEN-ENDED VALVES OR LINES COMPLYING WITH § 60.482-6 = YES VALVES IN HEAVY LIQUID SERVICE COMPLYING WITH § 60.482-8 = NO VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = NO COMPRESSOR COMPLYING WITH § 60.482-3 = NO FLANGES AND OTHER CONNECTORS = YES PUMP COMPLYING WITH § 60.482-2 = YES SAMPLING CONNECTION SYSTEMS = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES 3COMPLYING WITH § 60.482-8 = YES FLANGES AND OTHER CONNECTORS EQUIVALENT EMISSION LIMITATION = NO PUMP IN HEAVY LIQUID SERVICE = NO SAMPLING CONNECTION SYSTEM EQUIVALENT EMISSION LIMITATION = NO VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE EQUIVALENT EMISSION LIMITATION = NO PUMP EQUIVALENT EMISSION LIMITATION = NO FLANGES AND OTHER CONNECTORS COMPLYING WITH § 60.482-8 = YES SAMPLING CONNECTION SYSTEMS COMPLYING WITH § 60.482-5 = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE COMPLYING WITH § 60.482-7 = YES PUMP COMPLYING WITH § 60.482-8 = NO	
CT-1	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-1	COOLING TOWER HEAT EXCHANGE SYSTEM EXEMPTIONS = The cooling tower heat exchange system does not qualify for an exemption. JACKETED REACTOR = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor. ALTERNATIVE MONITORING = Complying with the specified monitoring in 30 TAC § 115.764. DESIGN CAPACITY = Design capacity to circulate 8000 gpm or greater. FINITE VOLUME SYSTEM = The cooling tower heat exchange system is complying with the requirements in § 115.764(a). MODIFIED MONITORING = NOT USING MINOR MODIFICATIONS TO THE MONITORING AND TESTING METHODS IN 30 TAC § 115.764. FLOW MONITORING/TESTING METHOD = Choosing to use a continuous flow monitor on each inlet of each cooling tower in accordance with § 115.764(a)(1), (b)(1), or (h)(1). TOTAL STRIPPABLE VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a). ON-LINE MONITOR = A continuous on-line monitor capable of providing total HRVOC and speciated HRVOCs in ppbw is being used.	
CT-1	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The heat exchange system is at an existing source. Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i).	
CT-1	40 CFR Part 63, Subpart Q	63Q-1	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
CT-10	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-1	COOLING TOWER HEAT EXCHANGE SYSTEM EXEMPTIONS = The cooling tower heat exchange system does not qualify for an exemption. JACKETED REACTOR = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor. ALTERNATIVE MONITORING = Complying with the specified monitoring in 30 TAC § 115.764. DESIGN CAPACITY = Design capacity to circulate 8000 gpm or greater. FINITE VOLUME SYSTEM = The cooling tower heat exchange system is complying with the requirements in § 115.764(a). MODIFIED MONITORING = NOT USING MINOR MODIFICATIONS TO THE MONITORING AND TESTING	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			METHODS IN 30 TAC § 115.764. FLOW MONITORING/TESTING METHOD = Choosing to use a continuous flow monitor on each inlet of each cooling tower in accordance with § 115.764(a)(1), (b)(1), or (h)(1). TOTAL STRIPPABLE VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a). ON-LINE MONITOR = A continuous on-line monitor capable of providing total HRVOC and speciated HRVOCs in ppbw is being used.	
CT-10	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The heat exchange system is at an existing source. Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i).	
CT-10	40 CFR Part 63, Subpart Q	63Q-1	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
CT-3	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-1	COOLING TOWER HEAT EXCHANGE SYSTEM EXEMPTIONS = The cooling tower heat exchange system does not qualify for an exemption. JACKETED REACTOR = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor. ALTERNATIVE MONITORING = Complying with the specified monitoring in 30 TAC § 115.764. DESIGN CAPACITY = Design capacity to circulate 8000 gpm or greater. FINITE VOLUME SYSTEM = The cooling tower heat exchange system is complying with the requirements in § 115.764(a). MODIFIED MONITORING = NOT USING MINOR MODIFICATIONS TO THE MONITORING AND TESTING METHODS IN 30 TAC § 115.764. FLOW MONITORING/TESTING METHOD = Choosing to use a continuous flow monitor on each inlet of each cooling tower in accordance with § 115.764(a)(1), (b)(1), or (h)(1). TOTAL STRIPPABLE VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a). ON-LINE MONITOR = A continuous on-line monitor capable of providing total HRVOC and speciated HRVOCs in ppbw is being used.	
CT-3	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The heat exchange system is at an existing source. Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i).	
CT-3	40 CFR Part 63, Subpart Q	63Q-1	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
CT-4	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-1	COOLING TOWER HEAT EXCHANGE SYSTEM EXEMPTIONS = The cooling tower heat exchange system does not qualify for an exemption. JACKETED REACTOR = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor. ALTERNATIVE MONITORING = Complying with the specified monitoring in 30 TAC § 115.764. DESIGN CAPACITY = Design capacity to circulate 8000 gpm or greater. FINITE VOLUME SYSTEM = The cooling tower heat exchange system is complying with the requirements in § 115.764(a). MODIFIED MONITORING = NOT USING MINOR MODIFICATIONS TO THE MONITORING AND TESTING METHODS IN 30 TAC § 115.764.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			FLOW MONITORING/TESTING METHOD = Choosing to use a continuous flow monitor on each inlet of each cooling tower in accordance with § 115.764(a)(1), (b)(1), or (h)(1). TOTAL STRIPPABLE VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a). ON-LINE MONITOR = A continuous on-line monitor capable of providing total HRVOC and speciated HRVOCs in ppbw is being used.	
CT-4	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The heat exchange system is at an existing source. Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i).	
CT-4	40 CFR Part 63, Subpart Q	63Q-1	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
CT-5	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-1	COOLING TOWER HEAT EXCHANGE SYSTEM EXEMPTIONS = The cooling tower heat exchange system does not qualify for an exemption. JACKETED REACTOR = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor. ALTERNATIVE MONITORING = Complying with the specified monitoring in 30 TAC § 115.764. DESIGN CAPACITY = Design capacity to circulate 8000 gpm or greater. FINITE VOLUME SYSTEM = The cooling tower heat exchange system is complying with the requirements in § 115.764(a). MODIFIED MONITORING = NOT USING MINOR MODIFICATIONS TO THE MONITORING AND TESTING METHODS IN 30 TAC § 115.764. FLOW MONITORING/TESTING METHOD = Choosing to use a continuous flow monitor on each inlet of each cooling tower in accordance with § 115.764(a)(1), (b)(1), or (h)(1). TOTAL STRIPPABLE VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a). ON-LINE MONITOR = A continuous on-line monitor capable of providing total HRVOC and speciated HRVOCs in ppbw is being used.	
CT-5	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The heat exchange system is at an existing source. Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i).	
CT-5	40 CFR Part 63, Subpart Q	63Q-1	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
CT-6	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-1	COOLING TOWER HEAT EXCHANGE SYSTEM EXEMPTIONS = Each individual heat exchanger of the cooling tower heat exchange system does not have greater than 100 ppmw HRVOCs in the process side fluid.	
CT-6	40 CFR Part 63, Subpart Q	63Q-1	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
CT-8	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-1	COOLING TOWER HEAT EXCHANGE SYSTEM EXEMPTIONS = Each individual heat exchanger of the cooling tower heat exchange system does not have greater than 100 ppmw HRVOCs in the process side fluid.	
CT-8	40 CFR Part 63, Subpart Q	63Q-1	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
CT-9	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-1	COOLING TOWER HEAT EXCHANGE SYSTEM EXEMPTIONS = The cooling tower heat exchange system does not qualify for an exemption. JACKETED REACTOR = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor. ALTERNATIVE MONITORING = Complying with the specified monitoring in 30 TAC § 115.764. DESIGN CAPACITY = Design capacity to circulate 8000 gpm or greater. FINITE VOLUME SYSTEM = The cooling tower heat exchange system is complying with the requirements in § 115.764(a). MODIFIED MONITORING = NOT USING MINOR MODIFICATIONS TO THE MONITORING AND TESTING METHODS IN 30 TAC § 115.764. FLOW MONITORING/TESTING METHOD = Choosing to use a continuous flow monitor on each inlet of each cooling tower in accordance with § 115.764(a)(1), (b)(1), or (h)(1). TOTAL STRIPPABLE VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a). ON-LINE MONITOR = A continuous on-line monitor capable of providing total HRVOC and speciated HRVOCs in ppbw is being used.	
CT-9	40 CFR Part 63, Subpart CC	63CC-1	Existing Source = The heat exchange system is at an existing source. Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i).	
CT-9	40 CFR Part 63, Subpart Q	63Q-1	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
D-13-1280	30 TAC Chapter 115, Water Separation	R5131-1	ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. EXEMPTION FROM CONTROL REQUIREMENTS OF 115.132 [REG V] = Water separator does not qualify for exemption. EMISSION CONTROL OPTION [REG V] = The compartment has all openings sealed and totally encloses the liquid contents with gauging and sampling devices that are vapor tight except when in use.	
D-13-1281	30 TAC Chapter 115, Water Separation	R5131-1	ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. EXEMPTION FROM CONTROL REQUIREMENTS OF 115.132 [REG V] = Water separator does not qualify for exemption. EMISSION CONTROL OPTION [REG V] = The compartment has all openings sealed and totally encloses the liquid contents with gauging and sampling devices that are vapor tight except when in use.	
D-292	30 TAC Chapter 115, Water Separation	R5131-1	ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. EXEMPTION FROM CONTROL REQUIREMENTS OF 115.132 [REG V] = Water separator does not qualify for exemption. EMISSION CONTROL OPTION [REG V] = The compartment has all openings sealed and totally encloses the liquid contents with gauging and sampling devices that are vapor tight except when in use.	
D-51	30 TAC Chapter 115, Water Separation	R5131-1	ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. EXEMPTION FROM CONTROL REQUIREMENTS OF 115.132 [REG V] = Water separator does not qualify for	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			exemption. EMISSION CONTROL OPTION [REG V] = The compartment has all openings sealed and totally encloses the liquid contents with gauging and sampling devices that are vapor tight except when in use.	
D-809	30 TAC Chapter 115, Water Separation	R5131-1	ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. EXEMPTION FROM CONTROL REQUIREMENTS OF 115.132 [REG V] = Water separator does not qualify for exemption. EMISSION CONTROL OPTION [REG V] = The compartment has all openings sealed and totally encloses the liquid contents with gauging and sampling devices that are vapor tight except when in use.	
D-810	30 TAC Chapter 115, Water Separation	R5131-1	ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. EXEMPTION FROM CONTROL REQUIREMENTS OF 115.132 [REG V] = Water separator does not qualify for exemption. EMISSION CONTROL OPTION [REG V] = The compartment has all openings sealed and totally encloses the liquid contents with gauging and sampling devices that are vapor tight except when in use.	
G-1040	40 CFR Part 60, Subpart QQQ	60QQQ-1	CONSTRUCTION/MODIFICATION DATE = AFTER MAY 4, 1987 CONTROL DEVICE = THERMAL INCINERATOR ALTERNATE MEANS OF EMISSION LIMITATION = NO ALTERNATIVE MONITORING = NO ALTERNATIVE STANDARD = NO CAPACITY <38L/S = NO CAPACITY = DESIGN CAPACITY TO TREAT IS GREATER THAN 16 LITERS/SECOND (250 GAL/MIN) OF REFINERY WASTEWATER.	
G-1040	40 CFR Part 61, Subpart FF	61FF-1	ALTERNATE MEANS OF COMPLIANCE = NO BY-PASS LINE = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE ALTERNATE STANDARDS FOR OIL-WATER SEPARATORS = NO CONTROL DEVICE TYPE/OPERATION = THERMAL VAPOR INCINERATOR REDUCING ORGANICS BY 95 WEIGHT PERCENT OR GREATER ENGINEERING CALCULATIONS = ENGINEERING CALCULATIONS ARE USED TO DEMONSTRATE CONTROL DEVICE PERFORMANCE ALTERNATE MONITORING PARAMETERS = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART FF FUEL GAS SYSTEM = EMISSIONS ARE ROUTED TO A CONTROL DEVICE COVER AND CLOSED VENT = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NEGATIVE PRESSURE (LESS THAN ATMOSPHERIC) CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349	
G-1041	40 CFR Part 60, Subpart QQQ	60QQQ-1	CONSTRUCTION/MODIFICATION DATE = AFTER MAY 4, 1987 CONTROL DEVICE = THERMAL INCINERATOR ALTERNATE MEANS OF EMISSION LIMITATION = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			ALTERNATIVE MONITORING = NO ALTERNATIVE STANDARD = NO CAPACITY <38L/S = NO CAPACITY = DESIGN CAPACITY TO TREAT IS GREATER THAN 16 LITERS/SECOND (250 GAL/MIN) OF REFINERY WASTEWATER.	
G-1041	40 CFR Part 61, Subpart FF	61FF-1	ALTERNATE MEANS OF COMPLIANCE = NO BY-PASS LINE = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE ALTERNATE STANDARDS FOR OIL-WATER SEPARATORS = NO CONTROL DEVICE TYPE/OPERATION = THERMAL VAPOR INCINERATOR REDUCING ORGANICS BY 95 WEIGHT PERCENT OR GREATER ENGINEERING CALCULATIONS = ENGINEERING CALCULATIONS ARE USED TO DEMONSTRATE CONTROL DEVICE PERFORMANCE ALTERNATE MONITORING PARAMETERS = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART FF FUEL GAS SYSTEM = EMISSIONS ARE ROUTED TO A CONTROL DEVICE COVER AND CLOSED VENT = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NEGATIVE PRESSURE (LESS THAN ATMOSPHERIC) CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349	
T-570	40 CFR Part 60, Subpart QQQ	60QQQ-1	CONSTRUCTION/MODIFICATION DATE = AFTER MAY 4, 1987 ALTERNATE MEANS OF EMISSION LIMITATION = NO ALTERNATIVE STANDARD = NO CAPACITY <38L/S = NO CAPACITY = DESIGN CAPACITY TO TREAT IS GREATER THAN 16 LITERS/SECOND (250 GAL/MIN) OF REFINERY WASTEWATER.	
T-570	40 CFR Part 61, Subpart FF	61FF-1	ALTERNATE MEANS OF COMPLIANCE = NO BY-PASS LINE = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE ALTERNATE STANDARDS FOR OIL-WATER SEPARATORS = NO CONTROL DEVICE TYPE/OPERATION = THERMAL VAPOR INCINERATOR REDUCING ORGANICS BY 95 WEIGHT PERCENT OR GREATER ENGINEERING CALCULATIONS = ENGINEERING CALCULATIONS ARE USED TO DEMONSTRATE CONTROL DEVICE PERFORMANCE ALTERNATE MONITORING PARAMETERS = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART FF FUEL GAS SYSTEM = EMISSIONS ARE ROUTED TO A CONTROL DEVICE COVER AND CLOSED VENT = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NEGATIVE PRESSURE (LESS THAN ATMOSPHERIC) CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349	
16-1203	40 CFR Part 63,	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Subpart CC		chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 2 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).	
B-18	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
B-18	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
B-26	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B-26	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
B-27	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.	
B-27	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
B-32	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
B-32	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
B-33	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
B-33	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
B-34	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.	
B-34	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
D-1026	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
D-1026	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 2 vent. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.	
D-1120	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
D-1120	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 2 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).	
D-1176	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is controlled by a flare. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Continuous emissions monitoring system in lieu of testing requirements in § 115.725(a).	
D-1176	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
D-1176	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Secured By-pass Line = The by-pass line is equipped with a flow indicator. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device = Flare Performance Test = A performance test was conducted to determine compliance with a regulation promulgated by EPA and was conducted using the same methods specified in Subpart G and no process changes have been made or results reliably demonstrate compliance. Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
D-1180	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is controlled by a flare. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Continuous emissions monitoring system in lieu of testing requirements in § 115.725(a).	
D-1180	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
D-1180	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Secured By-pass Line = The by-pass line is equipped with a flow indicator. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device = Flare Performance Test = A performance test was conducted to determine compliance with a regulation promulgated by EPA and was conducted using the same methods specified in Subpart G and no process changes have been made or results reliably demonstrate compliance. Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
D-1181	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is controlled by a flare. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Continuous emissions monitoring system in lieu of testing requirements in § 115.725(a).	
D-1181	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
D-1181	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Secured By-pass Line = The by-pass line is equipped with a flow indicator. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device = Flare Performance Test = A performance test was conducted to determine compliance with a regulation promulgated by EPA and was conducted using the same methods specified in Subpart G and no process changes have been made or results reliably demonstrate compliance. Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
D-1184	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is controlled by a flare. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Continuous emissions monitoring system in lieu of testing requirements in § 115.725(a).	
D-1184	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
D-1184	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Secured By-pass Line = The by-pass line is equipped with a flow indicator. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Performance Test = A performance test was conducted to determine compliance with a regulation promulgated by EPA and was conducted using the same methods specified in Subpart G and no process changes have been made or results reliably demonstrate compliance. Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
D-1185	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is controlled by a flare. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Continuous emissions monitoring system in lieu of testing requirements in § 115.725(a).	
D-1185	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
D-1185	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Secured By-pass Line = The by-pass line is equipped with a flow indicator. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Performance Test = A performance test was conducted to determine compliance with a regulation promulgated by	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			EPA and was conducted using the same methods specified in Subpart G and no process changes have been made or results reliably demonstrate compliance. Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
D-1188	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is controlled by a flare. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Continuous emissions monitoring system in lieu of testing requirements in § 115.725(a).	
D-1188	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
D-1188	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Secured By-pass Line = The by-pass line is equipped with a flow indicator. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Performance Test = A performance test was conducted to determine compliance with a regulation promulgated by	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			EPA and was conducted using the same methods specified in Subpart G and no process changes have been made or results reliably demonstrate compliance. Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
D-1193	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is controlled by a flare. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Continuous emissions monitoring system in lieu of testing requirements in § 115.725(a).	
D-1193	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
D-1193	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Secured By-pass Line = The by-pass line is equipped with a flow indicator. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Performance Test = A performance test was conducted to determine compliance with a regulation promulgated by EPA and was conducted using the same methods specified in Subpart G and no process changes have been made or	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			results reliably demonstrate compliance. Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
D-961	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
D-961	40 CFR Part 63, Subpart CC	63CC-1	Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 2 vent. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.	
D-973	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
D-973	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
D-974	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
D-974	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
D-975	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
D-975	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
D-976	30 TAC Chapter 111, Visible	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Emissions		and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
D-976	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
DE-24	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
DE-27	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
DE-31	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
DE-7	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
DE-8	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
DE-ADMIN	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
DE-AIR1	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
DE-AIR2	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
DE-GUARD	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
DE-SERVICE	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
DE-SWLS	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
DE-T-095	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
F-54	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-55	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
F-56	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
G-001	30 TAC Chapter 111, Nonagricultural Processes	R1151-1	Effective Stack Height = The effective stack height as calculated in the equation specified by 30 TAC §111.151(c) is not less than the standard effective stack height as determined by Table 2 specified in 30 TAC §111.151(b).	
G-001	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = The executive director and Administrator have determined that 30 TAC § 111.111(a)(1)(F) may be used to comply with the appropriate opacity standard since the gas stream contains condensed water vapor which could interfere with proper CEMS operation. Total Feed Capacity = Total feed capacity is greater than 20,000 barrels per day. Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.	§ 111.111(a)(1)(B) was deleted and replaced with § 111.111(a)(1)(C). In regards to the FCCU Regenerator Vent, Unit ID No. G-001, the TCEQ accepted the NSR permit (NSR 39142, S.C. #37) as the executive director's (ED's) approval for an alternate test/monitoring method for Chapter 111.111, Visible Emissions. This means that the applicant can keep the "EDEX" code on Form OP-UA15, Table 1a, to get the citations required in the Applicable Requirements Summary (ARS) table that were requested. The emission unit was copied over to the permit side without associating any periodic monitoring (PM) to it. On the permit side, the main standard of § 111.111(a)(1)(B)

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				was deleted and replaced with § 111.111(a)(1)(C). PM was built manually on the permit side and associated to § 111.111(a)(1)(C). This keeps everything in line with NSR 39142, S.C. #37, which references a main standard of § 111.111(a)(1)(C).
G-001	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Exempt Date = The vent gas stream is not exempt.	
G-001	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
G-18-1403	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.	
G-18-1403	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Exempt Date = The vent gas stream is not exempt.	
G-193	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
G-193	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Exempt Date = The vent gas stream is not exempt.	
H-13-1401	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-13-1401	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-13-1421	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-13-1421	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-13-1451	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-13-1451	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-13-1480	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-13-1480	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
H-16&17	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.	
H-16&17	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-27	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = On or before January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-27	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-28	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-28	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-29	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-29	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-31&32	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-31&32	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-34	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-34	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-35	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-35	30 TAC Chapter 115, HRVOC Vent	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Gas		Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-44	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-44	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-45	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-45	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-46	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-46	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-50	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-50	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-57	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-57	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-58	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-58	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-60	30 TAC Chapter	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	111, Visible Emissions		Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
H-60	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
H-REF2	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.	
H-REF2	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).	
MVDU-01	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
MVDU-01	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Exempt Date = The vent gas stream is not exempt.	
R5VNT H-20	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Vapor combustor not considered to be a flare. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is greater than or equal to 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
R5VNT H-21	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Vapor combustor not considered to be a flare. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is greater than or equal to 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
R5VNT TGI-G	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C). Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
R5VNT TGI-S	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C). Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	
VC-50	30 TAC Chapter 111, Visible Emissions	R1111-1	Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113. Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit. Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3). Construction Date = After January 31, 1972 Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.	
VC-50	30 TAC Chapter 115, HRVOC Vent Gas	R5720-1	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Exempt Date = The vent gas stream is not exempt.	
VC-50	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
F-48	30 TAC Chapter 115, Degreasing Processes	R5412-1	30 TAC CHAPTER 115 (REG V) SOLVENT DEGREASING MACHINE TYPE = COLD SOLVENT CLEANING MACHINE ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED AN ALTERNATE CONTROL REQUIREMENT AS ALLOWED UNDER 30 TAC 115.413.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			SOLVENT SPRAYED [REG V] = SOLVENT IS SPRAYED SOLVENT VAPOR PRESSURE [REG V] = LESS THAN OR EQUAL TO 0.6 PSIA AS MEASURED AT 100 DEGREES FAHRENHEIT [SOLVENT DEGREASING MACHINE TYPE = 'COLD' OR 'RRC-S'] SOLVENT HEATED = SOLVENT NOT HEATED TO A TEMPERATURE GREATER THAN 120 DEGREES FAHRENHEIT PARTS LARGER THAN DRAINAGE [REG V] = ANY CLEANED PART FOR WHICH MACHINE IS AUTHORIZED IS LARGER THAN INTERNAL DRAINAGE FACILITY OF MACHINE. DRAINAGE AREA [REG V] = AREA GREATER THAN OR EQUAL TO 16 SQUARE INCHES DISPOSAL IN ENCLOSED CONTAINERS [REG V] = WASTE SOLVENT PROPERLY DISPOSED OF IN ENCLOSED CONTAINERS	
F-65	30 TAC Chapter 115, Degreasing Processes	R5412-1	30 TAC CHAPTER 115 (REG V) SOLVENT DEGREASING MACHINE TYPE = COLD SOLVENT CLEANING MACHINE ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED AN ALTERNATE CONTROL REQUIREMENT AS ALLOWED UNDER 30 TAC 115.413. SOLVENT SPRAYED [REG V] = SOLVENT IS SPRAYED SOLVENT VAPOR PRESSURE [REG V] = LESS THAN OR EQUAL TO 0.6 PSIA AS MEASURED AT 100 DEGREES FAHRENHEIT [SOLVENT DEGREASING MACHINE TYPE = 'COLD' OR 'RRC-S'] SOLVENT HEATED = SOLVENT NOT HEATED TO A TEMPERATURE GREATER THAN 120 DEGREES FAHRENHEIT PARTS LARGER THAN DRAINAGE [REG V] = ANY CLEANED PART FOR WHICH MACHINE IS AUTHORIZED IS LARGER THAN INTERNAL DRAINAGE FACILITY OF MACHINE. DRAINAGE AREA [REG V] = AREA GREATER THAN OR EQUAL TO 16 SQUARE INCHES DISPOSAL IN ENCLOSED CONTAINERS [REG V] = WASTE SOLVENT PROPERLY DISPOSED OF IN ENCLOSED CONTAINERS	
F-66	30 TAC Chapter 115, Degreasing Processes	R5412-1	30 TAC CHAPTER 115 (REG V) SOLVENT DEGREASING MACHINE TYPE = COLD SOLVENT CLEANING MACHINE ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED AN ALTERNATE CONTROL REQUIREMENT AS ALLOWED UNDER 30 TAC 115.413. SOLVENT SPRAYED [REG V] = SOLVENT IS SPRAYED SOLVENT VAPOR PRESSURE [REG V] = LESS THAN OR EQUAL TO 0.6 PSIA AS MEASURED AT 100 DEGREES FAHRENHEIT [SOLVENT DEGREASING MACHINE TYPE = 'COLD' OR 'RRC-S'] SOLVENT HEATED = SOLVENT NOT HEATED TO A TEMPERATURE GREATER THAN 120 DEGREES FAHRENHEIT PARTS LARGER THAN DRAINAGE [REG V] = ANY CLEANED PART FOR WHICH MACHINE IS AUTHORIZED IS LARGER THAN INTERNAL DRAINAGE FACILITY OF MACHINE. DRAINAGE AREA [REG V] = AREA GREATER THAN OR EQUAL TO 16 SQUARE INCHES DISPOSAL IN ENCLOSED CONTAINERS [REG V] = WASTE SOLVENT PROPERLY DISPOSED OF IN ENCLOSED CONTAINERS	
16-1101	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = OTHER CONTROL DEVICE NOT LISTED 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
16-1151	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = OTHER CONTROL DEVICE NOT LISTED 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
16-1171	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = OTHER CONTROL DEVICE NOT LISTED 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
A-158	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = OTHER CONTROL DEVICE NOT LISTED 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
A-49	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = OTHER CONTROL DEVICE NOT LISTED 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
A-58	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = OTHER CONTROL DEVICE NOT LISTED 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
D-15-1208	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = ENCLOSED NON-CATALYTIC COMBUSTION DEVICE 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
D-30	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = FLARE 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
D-486	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = FLARE 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
D-912	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = OTHER CONTROL DEVICE NOT LISTED 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
D-978	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = OTHER CONTROL DEVICE NOT LISTED 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
D-980	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = OTHER CONTROL DEVICE NOT LISTED 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
G-1040	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = ENCLOSED NON-CATALYTIC COMBUSTION DEVICE 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
G-1041	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = ENCLOSED NON-CATALYTIC COMBUSTION DEVICE 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
T-095	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = FLOATING ROOF OR INTERNAL FLOATING ROOF WASTEWATER COMPONENT THAT DOES NOT HAVE VAPOR-MOUNTED PRIMARY SEAL 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
T-16-1902	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = ENCLOSED NON-CATALYTIC COMBUSTION DEVICE	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
T-16-1922	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = ENCLOSED NON-CATALYTIC COMBUSTION DEVICE 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
T-320	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = FLOATING ROOF OR INTERNAL FLOATING ROOF WASTEWATER COMPONENT THAT DOES NOT HAVE VAPOR-MOUNTED PRIMARY SEAL 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
T-321	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = FLOATING ROOF OR INTERNAL FLOATING ROOF WASTEWATER COMPONENT THAT DOES NOT HAVE VAPOR-MOUNTED PRIMARY SEAL 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
T-335	30 TAC Chapter 115, Industrial	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Wastewater		BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = ENCLOSED NON-CATALYTIC COMBUSTION DEVICE 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
T-570	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = ENCLOSED NON-CATALYTIC COMBUSTION DEVICE 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
WW DRUMS	30 TAC Chapter 115, Industrial Wastewater	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = OTHER CONTROL DEVICE NOT LISTED 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
WW VACTRKS	30 TAC Chapter 115, Industrial	R5140-1	PETROLEUM REFINERY = YES WASTEWATER COMPONENT TYPE = COMPONENT NOT A WET WEATHER RETENTION BASIN, EXEMPTED	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Wastewater		BY 115.147(2), NOR BIOTREATMENT UNIT. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = DOES NOT USE AN ALTERNATE CONTROL REQUIREMENT OR EXEMPTION CRITERIA IN ACCORDANCE WITH 115.910 ROOF/SEAL TYPE [REG V] = WASTEWATER COMPONENT THAT DOES NOT HAVE A FLOATING ROOF OR INTERNAL FLOATING ROOF CONTROL DEVICES [REG V] = OTHER CONTROL DEVICE NOT LISTED 90% OVERALL CONTROL OPTION = THE UNIT IS COMPLYING WITH THE CONTROL REQUIREMENTS OF § 115.142 MONITORING TYPE [REG V] = EXECUTIVE DIRECTOR HAS NOT APPROVED OTHER MONITORING METHODS FOR THE EMISSION CONTROL DEVICE OR OTHER DEVICE INSTALLED IN LIEU OF THE MONITORING REQUIREMENTS OF 115.144(3)(A)-(F). SAFETY HAZARD EXEMPTION = NO SAFETY HAZARD EXEMPTION REQUESTED OR APPROVED	
G-18-1403	30 TAC Chapter 111, Incineration	R1121-1	WASTE TYPE [REG I] = Waste other than municipal, commercial, industrial, or domestic solid waste as defined in 30 TAC § 101.1, or hazardous waste as specified in 30 TAC § 111.124	
G-193	30 TAC Chapter 111, Incineration	R1121-1	WASTE TYPE [REG I] = Waste other than municipal, commercial, industrial, or domestic solid waste as defined in 30 TAC § 101.1, or hazardous waste as specified in 30 TAC § 111.124	
G-193	30 TAC Chapter 117, Subchapter B	R7ICI-1	MAXIMUM RATED CAPACITY = MRC is less than 40 MMBtu/hr	
MVDU-01	30 TAC Chapter 111, Incineration	R1121-1	WASTE TYPE [REG I] = Waste other than municipal, commercial, industrial, or domestic solid waste as defined in 30 TAC § 101.1, or hazardous waste as specified in 30 TAC § 111.124	
MVDU-01	30 TAC Chapter 117, Subchapter B	R7ICI-1	FUEL FLOW MONITORING = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.340(a) or 117.440(a) MAXIMUM RATED CAPACITY = MRC is greater than 40 MMBtu/hr but less than 100 MMBtu/hr CO EMISSION LIMITATION = Complying with 30 TAC § 117.310(c)(1) NOX EMISSION LIMITATION = Complying with 30 TAC § 117.310(a)(16) CO MONITORING SYSTEM = Sampling CO with a portable analyzer under 30 TAC § 117.8120(2) NOX REDUCTION = No NO_x reduction method NOX MONITORING SYSTEM = Maximum emission rate testing	
J-108	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	R5311-1	ALTERNATE CONTROL REQUIREMENT (ACR) = ACR NOT USED FOR DEMONSTRATING AND DOCUMENTING COMPLIANCE. STEAM EJECTION OR MECHANICAL VACUUM PUMP = THE VACUUM-PRODUCING SYSTEM CONTAINS A STEAM EJECTOR OR MECHANICAL VACUUM PUMP. HOTWELL WITH A CONTACT CONDENSOR = THE VACUUM-PRODUCING SYSTEM DOES NOT CONTAIN A HOTWELL WITH A CONTACT CONDENSER CONTROL DEVICE = SMOKELESS FLARE	
J-109	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	R5311-1	ALTERNATE CONTROL REQUIREMENT (ACR) = ACR NOT USED FOR DEMONSTRATING AND DOCUMENTING COMPLIANCE. STEAM EJECTION OR MECHANICAL VACUUM PUMP = THE VACUUM-PRODUCING SYSTEM CONTAINS A STEAM EJECTOR OR MECHANICAL VACUUM PUMP. HOTWELL WITH A CONTACT CONDENSOR = THE VACUUM-PRODUCING SYSTEM DOES NOT CONTAIN A HOTWELL WITH A CONTACT CONDENSER	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CONTROL DEVICE = SMOKELESS FLARE	
J-110	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	R5311-1	ALTERNATE CONTROL REQUIREMENT (ACR) = ACR NOT USED FOR DEMONSTRATING AND DOCUMENTING COMPLIANCE. STEAM EJECTION OR MECHANICAL VACUUM PUMP = THE VACUUM-PRODUCING SYSTEM CONTAINS A STEAM EJECTOR OR MECHANICAL VACUUM PUMP. HOTWELL WITH A CONTACT CONDENSOR = THE VACUUM-PRODUCING SYSTEM DOES NOT CONTAIN A HOTWELL WITH A CONTACT CONDENSER CONTROL DEVICE = SMOKELESS FLARE	
J-111	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	R5311-1	ALTERNATE CONTROL REQUIREMENT (ACR) = ACR NOT USED FOR DEMONSTRATING AND DOCUMENTING COMPLIANCE. STEAM EJECTION OR MECHANICAL VACUUM PUMP = THE VACUUM-PRODUCING SYSTEM CONTAINS A STEAM EJECTOR OR MECHANICAL VACUUM PUMP. HOTWELL WITH A CONTACT CONDENSOR = THE VACUUM-PRODUCING SYSTEM DOES NOT CONTAIN A HOTWELL WITH A CONTACT CONDENSER CONTROL DEVICE = SMOKELESS FLARE	
J-112	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	R5311-1	ALTERNATE CONTROL REQUIREMENT (ACR) = ACR NOT USED FOR DEMONSTRATING AND DOCUMENTING COMPLIANCE. STEAM EJECTION OR MECHANICAL VACUUM PUMP = THE VACUUM-PRODUCING SYSTEM CONTAINS A STEAM EJECTOR OR MECHANICAL VACUUM PUMP. HOTWELL WITH A CONTACT CONDENSOR = THE VACUUM-PRODUCING SYSTEM DOES NOT CONTAIN A HOTWELL WITH A CONTACT CONDENSER CONTROL DEVICE = SMOKELESS FLARE	
B-18	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
B-26	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
B-27	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
B-32	40 CFR Part 60, Subpart J	60J-1	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	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B-32	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 SO2 EMISSION LIMIT = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
B-33	40 CFR Part 60, Subpart J	60J-1	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	
B-33	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 SO2 EMISSION LIMIT = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
B-34	40 CFR Part 60, Subpart J	60J-1	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	
B-34	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 SO2 EMISSION LIMIT = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
FL-1	40 CFR Part 60, Subpart Ja	60JA-1	FACILITY TYPE = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). CONSTRUCTION/MODIFICATION DATE = After June 24, 2008 SO2 EMISSION LIMIT = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
FL-2	40 CFR Part 60, Subpart Ja	60JA-1	FACILITY TYPE = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). CONSTRUCTION/MODIFICATION DATE = After June 24, 2008 SO2 EMISSION LIMIT = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
FL-3	40 CFR Part 60, Subpart Ja	60JA-1	FACILITY TYPE = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). CONSTRUCTION/MODIFICATION DATE = After June 24, 2008 SO2 EMISSION LIMIT = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
FL-4	40 CFR Part 60, Subpart Ja	60JA-1	FACILITY TYPE = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). CONSTRUCTION/MODIFICATION DATE = After June 24, 2008 SO2 EMISSION LIMIT = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
FL-5	40 CFR Part 60, Subpart Ja	60JA-1	FACILITY TYPE = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). CONSTRUCTION/MODIFICATION DATE = After June 24, 2008 SO2 EMISSION LIMIT = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
G-001	30 TAC Chapter 117, Subchapter B	R7ICI-1	NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(2) [relating to mass emissions cap and trade in Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]. 310A2-Option = Install and certify a NO_x CEMS or PEMS per § 117.310(a)(2)(C).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1). NOx Monitoring System = Continuous emissions monitoring system. Ammonia NOx Reduction = Urea or ammonia is not injected into the exhaust stream for NO_x control. NOx Emission Limit Average = Emission limit in parts per million by volume (ppmv). Supplemental Fuel = The fluid catalytic cracking unit boiler is not using supplemental fuel and requires no totalizing fuel flow meter.	
G-001	40 CFR Part 60, Subpart J	60J-1	FACILITY TYPE = FCCU catalyst regenerator located at a petroleum refinery CONSTRUCTION/MODIFICATION DATE = After May 14, 2007	
G-001	40 CFR Part 60, Subpart Ja	60JA-1	FACILITY TYPE = Fluid catalytic cracking unit PM CONTROL = Wet scrubber. CEMS EXEMPT = A CO CEMS is installed. CONSTRUCTION/MODIFICATION DATE = After June 24, 2008 NEWLY CONSTRUCTED = The FCCU is modified or reconstructed. PM EMISSION LIMIT = Owner or operator is choosing PM limit in weight PM per weight coke burn-off.	
G-001	40 CFR Part 63, Subpart UUU	63UUU-1	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). CCU PM/Opacity Emission Limitation = CCU not subject to NSPS for PM in 40 CFR §60.102 and electing to comply with the PM emission limit (Option 2) - PM emissions not to exceed 1.0 kg/1,000 kg (1.0 lbs/1,000 lbs) of coke burn-off in the catalyst regenerator. CCU PM Control Device = Wet scrubber. CCU CO Monitoring Method = Continuous Emissions Monitoring System for measuring CO concentration. CCU PM Monitoring Method = Continuous Parameter Monitoring System for measuring gas flow rate, voltage, and secondary current. CCU Bypass Line = No bypass line serving the catalytic cracking unit. Alternate Method for Measuring Gas Flow Rate = Not using an alternate method for measuring gas flow rate as listed in §63.1573(a)(1). Multiple CCUs Served by a Single Wet Scrubber = Each CCU is served by a single wet scrubber.	
GSRU	40 CFR Part 60, Subpart Ja	60JA-1	FACILITY TYPE = Sulfur recovery plant greater than 20 long tons per day. CONSTRUCTION/MODIFICATION DATE = After June 24, 2008 SRP SO2 CONTROL = Plant utilizes an oxygen enrichment system.	
GSRU	40 CFR Part 63, Subpart UUU	63UUU-1	SRU Emission Limitation = Claus SRU part of sulfur recovery plant greater than or equal to 20 long tons/day using oxidation or reduction system followed by incineration subject to 250 ppmv SO_2 emission limit in §60.104(a)(2). SRU Bypass Line = Install and operate an automated system to detect flow in the bypass line.	
H-13-1401	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			volume of SO_2 emissions into the atmosphere.	
H-13-1421	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-13-1451	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-13-1480	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-15	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-16	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-17	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-18	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-19	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			volume of SO_2 emissions into the atmosphere.	
H-20	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-21	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-22	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-23	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-27	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-28	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-29	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-31	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			volume of SO_2 emissions into the atmosphere.	
H-32	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-34	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-35	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-44	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-45	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-46	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-50	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-57	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			volume of SO_2 emissions into the atmosphere.	
H-58	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
H-60	40 CFR Part 60, Subpart J	60J-1	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 = An instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
R5VNT H-20	40 CFR Part 63, Subpart UUU	63UUU-1	CRU TOC Emission Limitation = Reduce uncontrolled emissions of TOC or nonmethane TOC by 98% by weight or to a concentration of 20 ppmv (Option 2). CRU TOC Compliance Method = Complying with the TOC percent reduction limit. CRU TOC Control Device = Process Heater with a design heat input capacity < 44 MW or in which all vent streams not introduced into the flame zone. CRU Engineering Assessment = Demonstrating compliance by performance test. CRU Alternate Monitoring = No alternate monitoring.	
SPSRU	40 CFR Part 60, Subpart Ja	60JA-1	FACILITY TYPE = Sulfur recovery plant greater than 20 long tons per day. CONSTRUCTION/MODIFICATION DATE = After June 24, 2008 SRP SO2 CONTROL = Plant utilizes an oxygen enrichment system.	
SPSRU	40 CFR Part 63, Subpart UUU	63UUU-1	SRU Emission Limitation = Claus SRU part of sulfur recovery plant greater than or equal to 20 long tons/day using oxidation or reduction system followed by incineration subject to 250 ppmv SO_2 emission limit in §60.104(a)(2). SRU Bypass Line = Install and operate an automated system to detect flow in the bypass line.	
VC-50	40 CFR Part 63, Subpart UUU	63UUU-1	CRU HCl Emission Limitation = Existing cyclic or continuous CRU reducing uncontrolled emissions of HCl by 97% by weight or to a concentration of 10 ppmv. CRU HCl Control Device = Wet Scrubber. Wet/Internal Scrubber Alt Monitoring = No alternate monitoring. Wet Scrubber Alt Gas Flow Rate = Using the alternative procedure to determine the gas flow rate in §63.1573(a)(1). CRU Bypass Line = Use a manual lock system by installing a car-seal or lock-and-key device.	
CANISTERS	30 TAC Chapter 115, Industrial Wastewater	R5140-1	Petroleum Refinery = The affected source category is a petroleum refinery. Monitoring Type = The monitoring requirements of 30 TAC § 115.144(3)(A)-(H) are being used, as appropriate, for the emission control device installed. Control Devices = Carbon adsorber	
CANISTERS	40 CFR Part 61, Subpart FF	61FF-1	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FL-1	40 CFR Part 61, Subpart FF	61FF-1	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Flare.	
FL-2	40 CFR Part 61, Subpart FF	61FF-1	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Flare.	
FL-3	40 CFR Part 61, Subpart FF	61FF-1	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Flare.	
FL-4	40 CFR Part 61, Subpart FF	61FF-1	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Flare.	
FL-5	40 CFR Part 61, Subpart FF	61FF-1	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Flare.	
G-18-1403	40 CFR Part 61, Subpart FF	61FF-1	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = A flow monitor is used to monitor the by-pass line. Control Device Type/Operation = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device.	
G-193	40 CFR Part 60, Subpart QQQ	60QQQ-1	Control Device Type = Thermal incinerator. Alternative Monitoring = Rule based parameters are monitored.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
G-193	40 CFR Part 61, Subpart FF	61FF-1	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = A flow monitor is used to monitor the by-pass line. Control Device Type/Operation = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device.	

* - 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 also include codification of all applicable requirements for emission units at the site.
Opportunity for EPA review for Federal Prevention of Significant Deterioration (PSD) and Nonattainment (NA) permits for major sources.	Opportunity for EPA review, Affected states review, and a Public petition period for every FOP.
Permits have a table listing maximum emission limits for pollutants	Permit has an applicable requirements table and Periodic Monitoring (PM) / Compliance Assurance Monitoring (CAM) tables which document applicable monitoring requirements.
Permits can be altered or amended upon application by company. Permits must be issued before construction or modification of facilities can begin.	Permits can be revised through several revision processes, which provide for different levels of public notice and opportunity to comment. Changes that would be significant revisions require that a revised permit be issued before those changes can be operated.
NSR permits are issued independent of FOP requirements.	FOP are independent of NSR permits, but contain a list of all NSR permits incorporated by reference

New Source Review Requirements

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

Additionally, the site contains emission units that are permitted by rule under the requirements of 30 TAC Chapter 106, Permits by Rule. The following table specifies the permits by rule that apply to the site. All current permits by rule are contained in Chapter 106. Outdated 30 TAC Chapter 106 permits by rule may be viewed at the following Web site:
www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html

Outdated Standard Exemption lists may be viewed at the following Web site:
www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX822M2	Issuance Date: 04/16/2014
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 39142	Issuance Date: 04/16/2014
Authorization No.: 77806	Issuance Date: 01/27/2006
Authorization No.: 91499	Issuance Date: 12/18/2009
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 07/08/1998
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.477	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001

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.: B-18	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: B-26	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: It shall be considered a deviation if the opacity exceeds 15%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: B-27	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: It shall be considered a deviation if the opacity exceeds 15%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: B-32	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: B-33	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: B-34	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: It shall be considered a deviation if the opacity exceeds 15%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: D-13-1280	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-1
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Quarterly	
Averaging Period: n/a*	
Deviation Limit: For a potential leak interface, the maximum deviation limit shall be 500 ppmv. For a seal around a shaft that passes through a cover opening, the maximum deviation limit shall be 10,000 ppmv.	
Basis of monitoring: It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.	

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

Unit/Group/Process Information	
ID No.: D-13-1281	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-1
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Quarterly	
Averaging Period: n/a*	
Deviation Limit: For a potential leak interface, the maximum deviation limit shall be 500 ppmv. For a seal around a shaft that passes through a cover opening, the maximum deviation limit shall be 10,000 ppmv.	
Basis of monitoring: It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.	

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

Unit/Group/Process Information	
ID No.: D-292	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-1
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Quarterly	
Averaging Period: n/a*	
Deviation Limit: For a potential leak interface, the maximum deviation limit shall be 500 ppmv. For a seal around a shaft that passes through a cover opening, the maximum deviation limit shall be 10,000 ppmv.	
Basis of monitoring: It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.	

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

Unit/Group/Process Information	
ID No.: D-51	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-1
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Quarterly	
Averaging Period: n/a*	
Deviation Limit: For a potential leak interface, the maximum deviation limit shall be 500 ppmv. For a seal around a shaft that passes through a cover opening, the maximum deviation limit shall be 10,000 ppmv.	
Basis of monitoring: It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.	

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

Unit/Group/Process Information	
ID No.: D-606	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the integrity of the submerged fill pipe is not inspected when the storage vessel is emptied or degassed, or if any repairs are needed and they are not completed prior to refilling the storage vessel.	
Basis of monitoring: The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.	

Unit/Group/Process Information	
ID No.: D-606	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if no construction records are kept to demonstrate that the storage vessel is equipped with a submerged fill pipe.	
Basis of monitoring: The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.	

Unit/Group/Process Information	
ID No.: D-768	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the integrity of the submerged fill pipe is not inspected when the storage vessel is emptied or degassed, or if any repairs are needed and they are not completed prior to refilling the storage vessel.	
Basis of monitoring: The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.	

Unit/Group/Process Information	
ID No.: D-768	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if no construction records are kept to demonstrate that the storage vessel is equipped with a submerged fill pipe.	
Basis of monitoring: The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.	

Unit/Group/Process Information	
ID No.: D-809	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-1
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Quarterly	
Averaging Period: n/a*	
Deviation Limit: For a potential leak interface, the maximum deviation limit shall be 500 ppmv. For a seal around a shaft that passes through a cover opening, the maximum deviation limit shall be 10,000 ppmv.	
Basis of monitoring: It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.	

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

Unit/Group/Process Information	
ID No.: D-810	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-1
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Quarterly	
Averaging Period: n/a*	
Deviation Limit: For a potential leak interface, the maximum deviation limit shall be 500 ppmv. For a seal around a shaft that passes through a cover opening, the maximum deviation limit shall be 10,000 ppmv.	
Basis of monitoring: It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.	

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

Unit/Group/Process Information	
ID No.: D-861	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the integrity of the submerged fill pipe is not inspected when the storage vessel is emptied or degassed, or if any repairs are needed and they are not completed prior to refilling the storage vessel.	
Basis of monitoring: The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.	

Unit/Group/Process Information	
ID No.: D-861	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if no construction records are kept to demonstrate that the storage vessel is equipped with a submerged fill pipe.	
Basis of monitoring: The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.	

Unit/Group/Process Information	
ID No.: D-973	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: D-974	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: D-975	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: D-976	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: DE-24	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: DE-27	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: DE-31	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: DE-7	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: DE-8	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: DE-ADMIN	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: DE-AIR1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: DE-AIR2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: DE-GUARD	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: DE-SERVICE	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: DE-SWLS	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: DE-T-095	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: F-48	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5412-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: n/a	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC § 115.412(1) (A)-(F) shall be reported as a deviation.	
Basis of monitoring: The monitoring option to cover cold cleaner or the open-top vapor cleaner was included in the EPA "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. In addition to covering the cleaner records of monthly inspections of equipment is an effective way to ensure that the system is operating in accordance with its design.	

Unit/Group/Process Information	
ID No.: F-54	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: F-55	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: F-56	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: F-65	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5412-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: n/a	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC § 115.412(1) (A)-(F) shall be reported as a deviation.	
Basis of monitoring: The monitoring option to cover cold cleaner or the open-top vapor cleaner was included in the EPA "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. In addition to covering the cleaner records of monthly inspections of equipment is an effective way to ensure that the system is operating in accordance with its design.	

Unit/Group/Process Information	
ID No.: F-66	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5412-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: n/a	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC § 115.412(1) (A)-(F) shall be reported as a deviation.	
Basis of monitoring: The monitoring option to cover cold cleaner or the open-top vapor cleaner was included in the EPA "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. In addition to covering the cleaner records of monthly inspections of equipment is an effective way to ensure that the system is operating in accordance with its design.	

Unit/Group/Process Information	
ID No.: G-001	
Control Device ID No.: G-001	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Liquid Flow Rate and Gas Flow Rate	
Minimum Frequency: once per week	
Averaging Period: n/a*	
Deviation Limit: It shall be considered a deviation if the minimum liquid-to-gas ratio as established during the most recent performance test is not maintained.	
Basis of monitoring: A common way to control particulate emissions is by use of a wet scrubber. The option to monitor the ratio of the liquid to gas flow rate may indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles or the need to adjust the variable throat opening (if applicable). Similar type monitoring for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP.	

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

Unit/Group/Process Information	
ID No.: G-18-1403	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: It shall be considered a deviation if opacity exceeds 15%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: G-193	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: GSRU	
Control Device ID No.: G-18-1403	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2-1
Pollutant: SO_2	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Four times per hour	
Averaging Period: Daily	
Deviation Limit: It shall be considered a deviation if any monitoring data falls below the minimum limit of 1,200 degrees Fahrenheit.	
Basis of monitoring: A common way to determine if a sulfur recovery unit (SRU) is operating correctly is to operate the thermal incinerator above a minimal combustion temperature based on performance tests, manufacturer's recommendations, engineering calculations and/or historical data. The monitoring of combustion temperature of a thermal incinerator used to oxidize sulfur compounds is required in 40 CFR Part 60, Subparts BB (Standards of Performance for Kraft Pulp Mills) and LLL (Standards of Performance for Onshore Natural Gas Processing: SO2 Emissions). Additionally, this option requires the monitoring of the SO2 mass emission rate since an increase in SO2 emissions may indicate operational problems with the SRU.	

Unit/Group/Process Information	
ID No.: GSRU	
Control Device ID No.: G-18-1403	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2-1
Pollutant: SO_2	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: SO2 Mass Emissions in Pounds per Hour	
Minimum Frequency: Four times per hour	
Averaging Period: Hourly	
Deviation Limit: It shall be considered a deviation if any monitoring data goes above the SO2 allowable emission rate of 2,898.8 lb/hr as calculated per the equation in § 112.7(a).	
Basis of monitoring: A common way to determine if a sulfur recovery unit (SRU) is operating correctly is to operate the thermal incinerator above a minimal combustion temperature based on performance tests, manufacturer's recommendations, engineering calculations and/or historical data. The monitoring of combustion temperature of a thermal incinerator used to oxidize sulfur compounds is required in 40 CFR Part 60, Subparts BB (Standards of Performance for Kraft Pulp Mills) and LLL (Standards of Performance for Onshore Natural Gas Processing: SO2 Emissions). Additionally, this option requires the monitoring of the SO2 mass emission rate since an increase in SO2 emissions may indicate operational problems with the SRU.	

Unit/Group/Process Information	
ID No.: H-13-1401	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-13-1421	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: 20% opacity	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-13-1451	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-13-1480	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-16&17	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: 15% Opacity	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-27	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 30%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-28	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-29	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-31&32	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-34	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-35	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-44	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-45	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-46	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-50	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-57	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-58	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-60	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: H-REF2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: It shall be considered a deviation if opacity exceeds 15%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: J-108	
Control Device ID No.: FL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	SOP Index No.: R5311-1
Pollutant: VOC	Main Standard: § 115.311(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: once per hour	
Averaging Period: n/a	
Deviation Limit: Monitoring data indicates the lack of a pilot flame.	
Basis of monitoring: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: J-109	
Control Device ID No.: FL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	SOP Index No.: R5311-1
Pollutant: VOC	Main Standard: § 115.311(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: once per hour	
Averaging Period: n/a	
Deviation Limit: Monitoring data indicates the lack of a pilot flame.	
Basis of monitoring: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: J-110	
Control Device ID No.: FL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	SOP Index No.: R5311-1
Pollutant: VOC	Main Standard: § 115.311(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: once per hour	
Averaging Period: n/a	
Deviation Limit: Monitoring data indicates the lack of a pilot flame.	
Basis of monitoring: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: J-111	
Control Device ID No.: FL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	SOP Index No.: R5311-1
Pollutant: VOC	Main Standard: § 115.311(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: once per hour	
Averaging Period: n/a	
Deviation Limit: Monitoring data indicates the lack of a pilot flame.	
Basis of monitoring: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: J-112	
Control Device ID No.: FL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	SOP Index No.: R5311-1
Pollutant: VOC	Main Standard: § 115.311(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: once per hour	
Averaging Period: n/a	
Deviation Limit: Monitoring data indicates the lack of a pilot flame.	
Basis of monitoring: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: MVDU-01	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Unit/Group/Process Information	
ID No.: SPSRU	
Control Device ID No.: G-193	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2-1
Pollutant: SO_2	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Four times per hour	
Averaging Period: Daily	
Deviation Limit: It shall be considered a deviation if any monitoring data falls below the minimum limit of 1,200 degrees Fahrenheit.	
Basis of monitoring: A common way to determine if a sulfur recovery unit (SRU) is operating correctly is to operate the thermal incinerator above a minimal combustion temperature based on performance tests, manufacturer's recommendations, engineering calculations and/or historical data. The monitoring of combustion temperature of a thermal incinerator used to oxidize sulfur compounds is required in 40 CFR Part 60, Subparts BB (Standards of Performance for Kraft Pulp Mills) and LLL (Standards of Performance for Onshore Natural Gas Processing: SO2 Emissions). Additionally, this option requires the monitoring of the SO2 mass emission rate since an increase in SO2 emissions may indicate operational problems with the SRU.	

Unit/Group/Process Information	
ID No.: SPSRU	
Control Device ID No.: G-193	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2-1
Pollutant: SO_2	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: SO2 Mass Emissions in Pounds per Hour	
Minimum Frequency: Four times per hour	
Averaging Period: Hourly	
Deviation Limit: It shall be considered a deviation if any monitoring data goes above the SO2 allowable emission rate of 803.7 lb/hr as calculated per the equation in § 112.7(a).	
Basis of monitoring: A common way to determine if a sulfur recovery unit (SRU) is operating correctly is to operate the thermal incinerator above a minimal combustion temperature based on performance tests, manufacturer's recommendations, engineering calculations and/or historical data. The monitoring of combustion temperature of a thermal incinerator used to oxidize sulfur compounds is required in 40 CFR Part 60, Subparts BB (Standards of Performance for Kraft Pulp Mills) and LLL (Standards of Performance for Onshore Natural Gas Processing: SO2 Emissions). Additionally, this option requires the monitoring of the SO2 mass emission rate since an increase in SO2 emissions may indicate operational problems with the SRU.	

Unit/Group/Process Information	
ID No.: T-070	
Control Device ID No.: G-193	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: It shall be considered a deviation if any monitoring data falls below the minimum limit of 1,200 degrees Fahrenheit.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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

Unit/Group/Process Information	
ID No.: T-070	
Control Device ID No.: G-193	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 63, Subpart CC	SOP Index No.: 63CC-1
Pollutant: 112(B)HAPS	Main Standard: § 63.640(n)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: It shall be considered a deviation if any monitoring data falls below the minimum limit of 1,200 degrees Fahrenheit.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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

Unit/Group/Process Information	
ID No.: T-094	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the integrity of the submerged fill pipe is not inspected when the storage vessel is emptied or degassed, or if any repairs are needed and they are not completed prior to refilling the storage vessel.	
Basis of monitoring: The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.	

Unit/Group/Process Information	
ID No.: T-094	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if no construction records are kept to demonstrate that the storage vessel is equipped with a submerged fill pipe.	
Basis of monitoring: The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.	

Unit/Group/Process Information	
ID No.: T-16-1902	
Control Device ID No.: G-18-1403	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: It shall be considered a deviation if any monitoring data falls below the minimum limit of 1,200 degrees Fahrenheit.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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

Unit/Group/Process Information	
ID No.: T-16-1902	
Control Device ID No.: G-18-1403	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 63, Subpart CC	SOP Index No.: 63CC-1
Pollutant: 112(B)HAPS	Main Standard: § 63.640(n)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: It shall be considered a deviation if any monitoring data falls below the minimum limit of 1,200 degrees Fahrenheit.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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

Unit/Group/Process Information	
ID No.: T-16-1922	
Control Device ID No.: G-18-1403	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: It shall be considered a deviation if any monitoring data falls below the minimum limit of 1,200 degrees Fahrenheit.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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

Unit/Group/Process Information	
ID No.: T-16-1922	
Control Device ID No.: G-18-1403	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 63, Subpart CC	SOP Index No.: 63CC-1
Pollutant: 112(B)HAPS	Main Standard: § 63.640(n)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: It shall be considered a deviation if any monitoring data falls below the minimum limit of 1,200 degrees Fahrenheit.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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

Unit/Group/Process Information	
ID No.: T-335	
Control Device ID No.: G-193	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Ka	SOP Index No.: 60KA-1
Pollutant: VOC	Main Standard: § 60.112a(a)(3)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: It shall be considered a deviation if any monitoring data falls below the minimum limit of 1,200 degrees Fahrenheit.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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

Unit/Group/Process Information	
ID No.: T-424	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-1
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric.	
Basis of monitoring: The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: T-428	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-1
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric.	
Basis of monitoring: The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: T-451	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-1
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric.	
Basis of monitoring: The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: T-546	
Control Device ID No.: CANISTERS	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 63, Subpart CC	SOP Index No.: 63CC-2
Pollutant: 112(B)HAPS	Main Standard: § 63.640(n)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: It shall be considered a deviation if any monitoring data falls below the minimum limit of 1,200 degrees Fahrenheit.	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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

Unit/Group/Process Information	
ID No.: VC-50	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: There shall be no visible emissions. If visible emissions are observed, the permit holder may report a deviation or perform Test Method 9 and opacity shall not exceed 20%.	
Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.	

Compliance Assurance Monitoring (CAM):

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

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

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

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

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

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

Unit/Group/Process Information	
ID No.: G-001	
Control Device ID No.: G-001	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Liquid Flow Rate and Gas Flow Rate	
Minimum Frequency: four times per hour	
Averaging Period: 3-hour rolling average	
Deviation Limit: It shall be considered a deviation if the minimum liquid-to-gas ratio as established during the most recent performance test is not maintained.	
Basis of CAM: A common way to control particulate emissions is by use of a wet scrubber. The option to monitor the ratio of the liquid to gas flow rate may indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles or the need to adjust the variable throat opening (if applicable). Similar type monitoring for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP.	

Compliance Review

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on 12/19/2013.
2. The compliance history review evaluated the period from 02/26/2005 to 02/26/2010.
   Site rating: 12.43 Company rating: 18.98
   (High < 0.10; Satisfactory > 0.10 and < 55; Unsatisfactory > 55)
3. 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-UA8 - Coal Preparation Plant Attributes
OP-UA9 - Nonmetallic Mineral Process Plant Attributes
OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes
OP-UA11 - Stationary Turbine Attributes
OP-UA12 - Fugitive Emission Unit Attributes
OP-UA13 - Industrial Process Cooling Tower Attributes
OP-UA14 - Water Separator Attributes
OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
OP-UA16 - Solvent Degreasing Machine Attributes
OP-UA17 - Distillation Unit Attributes
OP-UA18 - Surface Coating Operations Attributes
OP-UA19 - Wastewater Unit Attributes
OP-UA20 - Asphalt Operations Attributes
OP-UA21 - Grain Elevator Attributes
OP-UA22 - Printing Attributes
OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes
OP-UA25 - Synthetic Fiber Production Attributes
OP-UA26 - Electroplating and Anodizing Unit Attributes
OP-UA27 - Nitric Acid Manufacturing Attributes
OP-UA28 - Polymer Manufacturing Attributes
OP-UA29 - Glass Manufacturing Unit Attributes
OP-UA30 - Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
OP-UA31 - Lead Smelting Attributes
OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes
OP-UA33 - Metallic Mineral Processing Plant Attributes
OP-UA34 - Pharmaceutical Manufacturing
OP-UA35 - Incinerator Attributes
OP-UA36 - Steel Plant Unit Attributes
OP-UA37 - Basic Oxygen Process Furnace Unit Attributes
OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes
OP-UA39 - Sterilization Source Attributes
OP-UA40 - Ferroalloy Production Facility Attributes

OP-UA41 - Dry Cleaning Facility Attributes
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes
OP-UA43 - Sulfuric Acid Production Attributes
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes
OP-UA45 - Surface Impoundment Attributes
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes
OP-UA47 - Ship Building and Ship Repair Unit Attributes
OP-UA48 - Air Oxidation Unit Process Attributes
OP-UA49 - Vacuum-Producing System Attributes
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes
OP-UA51 - Dryer/Kiln/Oven Attributes
OP-UA52 - Closed Vent Systems and Control Devices
OP-UA53 - Beryllium Processing Attributes
OP-UA54 - Mercury Chlor-Alkali Cell Attributes
OP-UA55 - Transfer System Attributes
OP-UA56 - Vinyl Chloride Process Attributes
OP-UA57 - Cleaning/Depainting Operation Attributes
OP-UA58 - Treatment Process Attributes
OP-UA59 - Coke By-Product Recovery Plant Attributes
OP-UA60 - Chemical Manufacturing Process Unit Attributes
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes
OP-UA62 - Glycol Dehydration Unit Attributes
OP-UA63 - Vegetable Oil Production Attributes