

# Statement of Basis of the Federal Operating Permit

BP Amoco Chemical Company

Site/Area Name: Texas City Chemical Plant  
Physical location: 2800 Farm-to-Market 519 East  
Nearest City: Texas City  
County: Galveston

Permit Number: O1513  
Project Type: Renewal

Standard Industrial Classification (SIC) Code: 2865  
SIC Name: Cyclic Organic Crudes and Intermediates

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: April 28, 2014

## **Operating Permit Basis of Determination**

### **Permit Area Process Description**

BP Amoco Chemical Texas City Plant consists of the following 6 major production units:

- Paraxylene Complex
- Polybutene Unit
- No. 1 Metaxylene Unit
- No. 2 Metaxylene Unit
- Propylene Concentration Unit
- Chemical Docks

The Paraxylene Complex consists of No. 1, No. 2, and No. 3 Paraxylene Units along with the Light Aromatics Fractionation (LAF)/Toluene Disproportionation Unit (TDP). No. 1 and No. 2 Paraxylene Units consist of a crystallization section, an isomerization section, and a refrigeration section. The No. 3 Paraxylene Unit has only a crystallization section and a refrigeration section. During crystallization, xylene is fed into a series of crystallization trains where the xylene stream is cooled into a slurry of paraxylene crystals. The solid paraxylene is separated using centrifuges, melted, and recrystallized to purify. Filtrate from the centrifuges is recycled. In Units No. 1 and No. 2, the remaining hydrocarbons from the xylene stream are fed to the isomerization section where they are mixed with hydrogen, heated, and passed through fixed bed reactors. Distillation columns are used to separate the reactor effluent. Refrigeration for the crystallization section is provided by a conventional cascade-type system using ethylene and propane as refrigerants. No 1 and No. 2 Paraxylene Units share feedstock storage and No. 3 Paraxylene Unit feedstock storage is separate. All three Paraxylene Units share product tankage.

The LAF/TDP Unit recovers benzene and toluene from the light aromatic by-products streams. The benzene is used in the Styrene Unit which is owned by Ineos. The toluene stream is mixed with hydrogen and passed through a reactor. The resulting mixture of benzene, xylene and toluene is combined with a light aromatic stream from No. 1 Paraxylene Unit and fed into the first distillation tower.

The Polybutene Unit is not currently in operation.

The No. 1 Metaxylene Unit is not currently in operation. The No. 2 Metaxylene Unit uses an adsorption process to separate metaxylene from a mixed xylene feed stream.

The Propylene Concentration Unit (PCU) is not currently in operation.

The Docks consists of one dock for ship loading (SP-50) and two docks for barge loading (SP-51 and SP-52). Each of these docks have a vapor recovery unit (VRU) to control xylene loading emissions.

The lean oil VRUs use heavy aromatic bottoms (HAB) as a scrubbing medium. The lean and rich HAB are transported between the docks and PX-1 via tank trucks and truck loading rack (SP-54) and stored in two fixed roof tanks (F-401 and F-401) at the docks.

Xylenes and Styrene are received at the docks from BP's xylene units and Ineos' styrene unit. The xylene and styrene products are stored at the docks in storage tanks, and then transported off-site by barge or ship.

### **FOPs at Site**

The "application area" consists of the emission units and that portion of the site included in the application and this permit. Multiple FOPs may be issued to a site in accordance with 30 TAC § 122.201(e). When there is only

one area for the site, then the application information and permit will include all units at the site. Additional FOPs that exist at the site, if any, are listed below.

Additional FOPs: None

### Major Source Pollutants

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

Major Pollutants	VOC, NOX, HAPS, CO, GHG
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### Reading State of Texas's Federal Operating Permit

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

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

- General Terms and Conditions
- Special Terms and Conditions
  - Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting
  - Additional Monitoring Requirements
  - New Source Review Authorization Requirements
  - Compliance Requirements
  - Protection of Stratosphere Ozone
  - Permit Location
  - Permit Shield (30 TAC § 122.148)
- Attachments
  - Applicable Requirements Summary
    - Unit Summary
    - Applicable Requirements Summary
  - Additional Monitoring Requirements
  - Permit Shield
  - New Source Review Authorization References
  - Compliance Plan
  - Alternative Requirements
- Appendix A
  - Acronym list
- 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, Subchapter A, § 111.111(a)(1)(B) addressed in the Special Terms and Conditions**

The site contains stationary vents with a flowrate less than 100,000 actual cubic feet per minute (acfm) and constructed either before or after January 31, 1972 which are limited, over a six-minute average, to 20% opacity as required by 30 TAC § 111.111(a)(1)(B). As a site may have a large number of stationary vents that fall into this category, they are not required to be listed individually in the permit's Applicable Requirement Summary. This is consistent with EPA's White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995, that states that requirements that apply identically to emission units at a site can be treated on a generic basis such as source-wide opacity limits.

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

The TCEQ has exempted vents that are not capable of producing visible emissions from periodic monitoring requirements. These vents include sources of colorless VOCs, non-fuming liquids, and other materials that cannot produce emissions that obstruct the transmission of light. Passive ventilation vents, such as plumbing vents, are also included in this category. Since this category of vents are not capable of producing opacity due

to the physical or chemical characteristics of the emission source, periodic monitoring is not required as it would not yield any additional data to assure compliance with the 20% opacity standard of 30 TAC § 111.111(a)(1)(B).

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

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

All other stationary vents subject to 30 TAC Chapter 111 not covered in the Special Terms and Conditions are listed in the permit’s Applicable Requirement 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:

<b>Regulatory Program</b>	<b>Applicability (Yes/No)</b>
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](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html).

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

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

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

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

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

### **Operational Flexibility**

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

## Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
EMERGENADo	30 TAC Chapter 117, Subchapter B	R7300-0005	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	
EMERGENADo	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-0001	Brake HP = Stationary RICE with a brake hp greater than or equal to 100 and less than 250 hp. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use. Stationary RICE Type = 4 stroke spark ignited rich burn engine	
EMERGENCC	30 TAC Chapter 117, Subchapter B	R7300-0005	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	
EMERGENCC	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-0001	Brake HP = Stationary RICE with a brake hp greater than or equal to 100 and less than 250 hp. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use. Stationary RICE Type = 4 stroke spark ignited rich burn engine	
EMERGENPCU	30 TAC Chapter 117, Subchapter B	R7300-0005	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	
EMERGENPCU	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-0001	Brake HP = Stationary RICE with a brake hp greater than or equal to 100 and less than 250 hp. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use. Stationary RICE Type = 4 stroke spark ignited rich burn engine	
EMERGENPX1	30 TAC Chapter 117, Subchapter B	R7300-0005	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	
EMERGENPX1	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-0001	Brake HP = Stationary RICE with a brake hp greater than or equal to 100 and less than 250 hp. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use. Stationary RICE Type = 4 stroke spark ignited rich burn engine	
EMERGENPX2	30 TAC Chapter 117, Subchapter B	R7300-0005	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	
EMERGENPX2	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-0001	Brake HP = Stationary RICE with a brake hp greater than or equal to 100 and less than 250 hp. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Stationary RICE Type = 4 stroke spark ignited rich burn engine	
EMERGENPX3	30 TAC Chapter 117, Subchapter B	R7300-0005	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	
EMERGENPX3	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-0004	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 before December 19, 2002. Service Type = Emergency use. Stationary RICE Type = 4 stroke spark ignited rich burn engine	
ERGENM102	30 TAC Chapter 117, Subchapter B	R7300-0003	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	
ERGENM102	40 CFR Part 60, Subpart IIII	60IIII-2	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. Displacement = Displacement is less than 10 liters per cylinder and engine is a constant-speed engine. 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 2011.	Removed related standard 60.4211(f)[G], and added 60.4211(f)(1) because the unit is used for emergency purposes only.  Removed reporting requirement 60.4214(d), and added 60.4214(b) since the facility does not operate this engine for the purposes specified in 60.4211(f)(2)(ii), 60.4211(f)(2)(iii) or 60.4211(f)(3)(i).
ERGENM102	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-0022	Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use. Installation Date = The emergency use stationary RICE was installed on or after June 12, 2006.	
FWPUMP1302	30 TAC Chapter 117, Subchapter B	R7300-0005	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	
FWPUMP1302	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-0004	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 = Limited use. Stationary RICE Type = 4 stroke spark ignited rich burn engine	
P-216A	30 TAC Chapter 117, Subchapter B	R7300-0003	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	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			hours/year, on a rolling 12-month average	
P-216A	40 CFR Part 60, Subpart IIII	60IIII-1	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after July 11, 2005.</p> <p>Diesel = Diesel fuel is used.</p> <p>Kilowatts = Power rating is greater than or equal to 130 KW and less than 450 KW.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p> <p>Service = CI ICE is a fire-pump engine, an emergency engine certified to National Fire Protection Association requirements.</p> <p>Standards = The emergency CI ICE meets the standards applicable to non-emergency engines.</p> <p>Commencing = CI ICE that is commencing new construction.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p> <p>Manufacture Date = Date of manufacture is after 07/01/2006.</p> <p>Model Year = CI ICE was manufactured in model year 2012.</p>	<p>Removed related standard 60.4211(f)[G], and added 60.4211(f)(1) because the unit is used for emergency purposes only.</p> <p>Removed reporting requirement 60.4214(d), and added 60.4214(b) since the facility does not operate this engine for the purposes specified in 60.4211(f)(2)(ii), 60.4211(f)(2)(iii) or 60.4211(f)(3)(i).</p>
P-216A	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-0022	<p>Brake HP = Stationary RICE with a brake hp greater than or equal to 250 hp and less than 300 hp.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = 4 stroke spark ignited rich burn engine</p>	
P-216B	30 TAC Chapter 117, Subchapter B	R7300-0037	<p>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)]</p> <p>Fuel Fired = Petroleum-based diesel fuel</p>	
D401	30 TAC Chapter 115, Storage of VOCs	R5112-0167	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Gasoline from a storage container in motor vehicle fuel dispensing service (as defined in 30 TAC Chapter 115)</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Flare</p>	
D401	40 CFR Part 60, Subpart K	60K-0001	Construction/Modification Date = On or before June 11, 1973	
DOCK-TK201	30 TAC Chapter 115, Storage of VOCs	R5112-0012	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p>	

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	
DOCK-TK201	40 CFR Part 60, Subpart K	60K-0001	Construction/Modification Date = On or before June 11, 1973	
DOCK-TK201	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
DOCK-TK202	30 TAC Chapter 115, Storage of VOCs	R5112-0012	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	
DOCK-TK202	40 CFR Part 60, Subpart K	60K-0001	Construction/Modification Date = On or before June 11, 1973	
DOCK-TK202	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
DOCK-TK203	30 TAC Chapter 115, Storage of VOCs	R5112-0012	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
DOCK-TK203	40 CFR Part 60, Subpart Kb	60Kb-0020	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	
DOCK-TK203	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
DOCK-TK204	30 TAC Chapter 115, Storage of VOCs	R5112-0012	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
DOCK-TK204	40 CFR Part 60, Subpart K	60K-0006	Construction/Modification Date = After June 11, 1973 And on or before March 8, 1974 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	
DOCK-TK204	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
DOCK-TK205	30 TAC Chapter 115, Storage of VOCs	R5112-0012	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
DOCK-TK205	40 CFR Part 60, Subpart K	60K-0010	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 = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	
DOCK-TK205	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
DOCK-TK206	30 TAC Chapter 115, Storage of VOCs	R5112-0012	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	
DOCK-TK206	40 CFR Part 60, Subpart K	60K-0010	Construction/Modification Date = After June 11, 1973 And on or before March 8, 1974 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	
DOCK-TK206	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	

<b>Unit ID</b>	<b>Regulation</b>	<b>Index Number</b>	<b>Basis of Determination*</b>	<b>Changes and Exceptions to DSS**</b>
DOCK-TK207	30 TAC Chapter 115, Storage of VOCs	R5112-0012	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>	
DOCK-TK207	40 CFR Part 60, Subpart Kb	60Kb-0020	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	
DOCK-TK207	40 CFR Part 63, Subpart G	63G-0002	<p>MACT Subpart F/G Applicability = The unit is a Group 2 vessel.</p> <p>NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y.</p> <p>NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.</p>	
DOCK-TK208	30 TAC Chapter 115, Storage of VOCs	R5112-0012	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>	
DOCK-TK208	40 CFR Part 60, Subpart Kb	60Kb-0020	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	
DOCK-TK208	40 CFR Part 63, Subpart G	63G-0002	<p>MACT Subpart F/G Applicability = The unit is a Group 2 vessel.</p> <p>NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y.</p> <p>NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.</p>	
DOCK-TK301	30 TAC Chapter 115, Storage of VOCs	R5112-0012	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>	
DOCK-TK301	40 CFR Part 60, Subpart Kb	60Kb-0022	<p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	

<b>Unit ID</b>	<b>Regulation</b>	<b>Index Number</b>	<b>Basis of Determination*</b>	<b>Changes and Exceptions to DSS**</b>
DOCK-TK401	30 TAC Chapter 115, Storage of VOCs	R5112-0008	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p>	
DOCK-TK401	40 CFR Part 60, Subpart Kb	60Kb-0019	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia</p>	
DOCK-TK401	40 CFR Part 63, Subpart G	63G-0002	<p>MACT Subpart F/G Applicability = The unit is a Group 2 vessel.</p> <p>NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y.</p> <p>NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.</p>	
DOCK-TK402	30 TAC Chapter 115, Storage of VOCs	R5112-0008	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p>	
DOCK-TK402	40 CFR Part 60, Subpart Kb	60Kb-0019	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia</p>	
DOCK-TK402	40 CFR Part 63, Subpart G	63G-0002	<p>MACT Subpart F/G Applicability = The unit is a Group 2 vessel.</p> <p>NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y.</p> <p>NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.</p>	
GRPTNT-1	30 TAC Chapter 115, Storage of VOCs	R5112-0003	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is less than or equal to 1,000 gallons</p>	
GRPTNT-1	40 CFR Part 60, Subpart Kb	60Kb-0007	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)</p>	
GRPTNT-2	30 TAC Chapter 115, Storage of VOCs	R5112-0006	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p>	
GRPTNT-2	40 CFR Part 60, Subpart Kb	60Kb-0007	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)</p>	
GRPTNT-3	30 TAC Chapter 115, Storage of VOCs	R5112-0012	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>	
GRPTNT-3	40 CFR Part 60, Subpart Kb	60Kb-0020	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	
MX-F1115	30 TAC Chapter 115, Storage of VOCs	R5112-0012	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>	
MX-F1115	40 CFR Part 60, Subpart K	60K-0010	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)</p>	
MX-F1115	40 CFR Part 63, Subpart G	63G-0001	<p>MACT Subpart F/G Applicability = The unit is a Group 2 vessel.</p> <p>NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y.</p> <p>NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.</p>	
MX-MF1803	30 TAC Chapter 115, Storage of VOCs	R5112-0012	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 40,000 gallons	
MX-MF1803	40 CFR Part 60, Subpart K	60K-0010	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 = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	
MX-MF1803	40 CFR Part 63, Subpart G	63G-0001	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
MX-MF1804	30 TAC Chapter 115, Storage of VOCs	R5112-0012	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	
MX-MF1804	40 CFR Part 60, Subpart K	60K-0010	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 = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	
MX-MF1804	40 CFR Part 63, Subpart G	63G-0001	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX1-TF111	30 TAC Chapter 115, Storage of VOCs	R5112-0012	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	
PX1-TF111	40 CFR Part 60, Subpart K	60K-0001	Construction/Modification Date = On or before June 11, 1973	
PX1-TF111	40 CFR Part 63, Subpart G	63G-0001	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX1-TF112	30 TAC Chapter 115, Storage of VOCs	R5112-0012	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 40,000 gallons	
PX1-TF112	40 CFR Part 60, Subpart K	60K-0001	Construction/Modification Date = On or before June 11, 1973	
PX1-TF112	40 CFR Part 63, Subpart G	63G-0001	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX1-TF113	30 TAC Chapter 115, Storage of VOCs	R5112-0245	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX1-TF113	40 CFR Part 60, Subpart K	60K-0001	Construction/Modification Date = On or before June 11, 1973	
PX1-TF113	40 CFR Part 63, Subpart G	63G-0001	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX1-TF114	30 TAC Chapter 115, Storage of VOCs	R5112-0245	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX1-TF114	40 CFR Part 60, Subpart K	60K-0001	Construction/Modification Date = On or before June 11, 1973	
PX1-TF114	40 CFR Part 63, Subpart G	63G-0001	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX1-TF115	30 TAC Chapter 115, Storage of VOCs	R5112-0245	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX1-TF115	40 CFR Part 60,	60K-0001	Construction/Modification Date = On or before June 11, 1973	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Subpart K			
PX1-TF115	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX1-TF116	30 TAC Chapter 115, Storage of VOCs	R5112-0246	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX1-TF116	40 CFR Part 60, Subpart K	60K-0001	Construction/Modification Date = On or before June 11, 1973	
PX1-TF116	40 CFR Part 63, Subpart G	63G-0010	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111) NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Internal floating roof	
PX1-TF117	30 TAC Chapter 115, Storage of VOCs	R5112-0245	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX1-TF117	40 CFR Part 60, Subpart K	60K-0001	Construction/Modification Date = On or before June 11, 1973	
PX1-TF117	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX1-TF118	30 TAC Chapter 115, Storage of VOCs	R5112-0245	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX1-TF118	40 CFR Part 60, Subpart K	60K-0001	Construction/Modification Date = On or before June 11, 1973	

<b>Unit ID</b>	<b>Regulation</b>	<b>Index Number</b>	<b>Basis of Determination*</b>	<b>Changes and Exceptions to DSS**</b>
PX1-TF118	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX1-TF120	30 TAC Chapter 115, Storage of VOCs	R5112-0012	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 less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX1-TF120	40 CFR Part 60, Subpart K	60K-0001	Construction/Modification Date = On or before June 11, 1973	
PX1-TF120	40 CFR Part 63, Subpart G	63G-0001	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX1-TF121	30 TAC Chapter 115, Storage of VOCs	R5112-0012	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	
PX1-TF121	40 CFR Part 60, Subpart K	60K-0001	Construction/Modification Date = On or before June 11, 1973	
PX1-TF121	40 CFR Part 63, Subpart G	63G-0001	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX2-TF1111	30 TAC Chapter 115, Storage of VOCs	R5112-0012	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	
PX2-TF1111	40 CFR Part 60, Subpart K	60K-0010	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 = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	
PX2-TF1111	40 CFR Part 63, Subpart G	63G-0001	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX2-TF1112	30 TAC Chapter 115, Storage of VOCs	R5112-0012	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	
PX2-TF1112	40 CFR Part 60, Subpart K	60K-0010	Construction/Modification Date = After June 11, 1973 And on or before March 8, 1974 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	
PX2-TF1112	40 CFR Part 63, Subpart G	63G-0001	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX2-TF1113	30 TAC Chapter 115, Storage of VOCs	R5112-0245	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX2-TF1113	40 CFR Part 60, Subpart K	60K-0010	Construction/Modification Date = After June 11, 1973 And on or before March 8, 1974 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	
PX2-TF1113	40 CFR Part 63, Subpart G	63G-0001	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX2-TF1114	30 TAC Chapter 115, Storage of VOCs	R5112-0245	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX2-TF1114	40 CFR Part 60, Subpart K	60K-0010	Construction/Modification Date = After June 11, 1973 And on or before March 8, 1974 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)	
PX2-TF1114	40 CFR Part 63, Subpart G	63G-0001	MACT Subpart F/G Applicability = The unit is a Group 2 vessel.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX2-TF1117	30 TAC Chapter 115, Storage of VOCs	R5112-0245	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX2-TF1117	40 CFR Part 60, Subpart Kb	60Kb-0020	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	
PX2-TF1117	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX2-TF1118	30 TAC Chapter 115, Storage of VOCs	R5112-0245	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX2-TF1118	40 CFR Part 60, Subpart Kb	60Kb-0020	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	
PX2-TF1118	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX3-TF2113	30 TAC Chapter 115, Storage of VOCs	R5112-0245	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX3-TF2113	40 CFR Part 60, Subpart Kb	60Kb-0020	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	

<b>Unit ID</b>	<b>Regulation</b>	<b>Index Number</b>	<b>Basis of Determination*</b>	<b>Changes and Exceptions to DSS**</b>
PX3-TF2113	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
PX3-TF2118	30 TAC Chapter 115, Storage of VOCs	R5112-0245	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 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons	
PX3-TF2118	40 CFR Part 60, Subpart Kb	60Kb-0020	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	
PX3-TF2118	40 CFR Part 63, Subpart G	63G-0002	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
DOCK-50	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0007	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-50	40 CFR Part 63, Subpart G	63G-2000	Transfer Rack Type = Group 2 transfer rack (as defined in 40 CFR § 63.111). Subject to Subpart BB = The transfer rack is not subject to 40 CFR Part 61, Subpart BB.	
DOCK-50	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-51	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0007	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-51	40 CFR Part 63, Subpart G	63G-2000	Transfer Rack Type = Group 2 transfer rack (as defined in 40 CFR § 63.111). Subject to Subpart BB = The transfer rack is not subject to 40 CFR Part 61, Subpart BB.	
DOCK-51	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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Vapor Pressure = Vapor pressure is less than 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.	
DOCK-52	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0007	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-52	40 CFR Part 63, Subpart G	63G-2000	Transfer Rack Type = Group 2 transfer rack (as defined in 40 CFR § 63.111). Subject to Subpart BB = The transfer rack is not subject to 40 CFR Part 61, Subpart BB.	
DOCK-52	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.	
DOXTRUCKLD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0009	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.	
DOXTRUCKLD	40 CFR Part 63, Subpart G	63G-2000	Transfer Rack Type = Group 2 transfer rack (as defined in 40 CFR § 63.111). Subject to Subpart BB = The transfer rack is not subject to 40 CFR Part 61, Subpart BB.	
DOXTRUCKUL	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0008	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.	
DOXTRUCKUL	40 CFR Part 63, Subpart G	63G-2000	Transfer Rack Type = Group 2 transfer rack (as defined in 40 CFR § 63.111). Subject to Subpart BB = The transfer rack is not subject to 40 CFR Part 61, Subpart BB.	
GASSTATION	30 TAC Chapter 115, Loading and Unloading of VOC	R5217-0001	Chapter 115 Facility Type = Motor vehicle fuel dispensing facility	
PX1-LOAD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0009	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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
PX1-LOAD	40 CFR Part 63, Subpart G	63G-2000	Transfer Rack Type = Group 2 transfer rack (as defined in 40 CFR § 63.111). Subject to Subpart BB = The transfer rack is not subject to 40 CFR Part 61, Subpart BB.	
MX2-H101	30 TAC Chapter 117, Subchapter B	R7300-1086	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 basis is not a 30 day rolling average or a block one-hour average NOx Reduction = No NO <sub>x</sub> 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 <sup>11</sup> ) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
MX2-H101	40 CFR Part 63, Subpart DDDDD	63DDDDD-1	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
MX2-H602	30 TAC Chapter 117, Subchapter B	R7300-1283	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 basis is not a 30 day rolling average or a block one-hour average NOx Reduction = No NO <sub>x</sub> 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 <sup>11</sup> ) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
MX2-H602	40 CFR Part 63, Subpart DDDDD	63DDDDD-1	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
PX1-H101	30 TAC Chapter 117, Subchapter B	R7300-1283	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.	

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 basis is not a 30 day rolling average or a block one-hour average NOx Reduction = No NO <sub>x</sub> 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 <sup>11</sup> ) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
PX1-H103	30 TAC Chapter 117, Subchapter B	R7300-1283	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 basis is not a 30 day rolling average or a block one-hour average NOx Reduction = No NO <sub>x</sub> 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 <sup>11</sup> ) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
PX1-H104	30 TAC Chapter 117, Subchapter B	R7300-1027	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 basis is not a 30 day rolling average or a block one-hour average NOx Reduction = No NO <sub>x</sub> 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 NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
PX1-H-501	30 TAC Chapter 117, Subchapter B	R7300-1018	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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average NOx Reduction = No NO <sub>x</sub> 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)	
PX2-H1101	30 TAC Chapter 117, Subchapter B	R7300-1283	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 basis is not a 30 day rolling average or a block one-hour average NOx Reduction = No NO <sub>x</sub> 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 <sup>11</sup> ) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
PX2-H1103	30 TAC Chapter 117, Subchapter B	R7300-1283	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 basis is not a 30 day rolling average or a block one-hour average NOx Reduction = No NO <sub>x</sub> 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 <sup>11</sup> ) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	
PX2-H1104	30 TAC Chapter 117, Subchapter B	R7300-1027	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	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr.</p> <p>CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.</p> <p>NOx Emission Limit Basis = Emission limit basis is not a 30 day rolling average or a block one-hour average</p> <p>NOx Reduction = No NO<sub>x</sub> control method</p> <p>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.</p> <p>NOx Monitoring System = Continuous emissions monitoring system</p> <p>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)</p>	
FL-201	30 TAC Chapter 111, Visible Emissions	R1111-0001	<p>ACID GASES ONLY [REG I] = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>EMERGENCY/UPSET CONDITIONS ONLY [REG I] = Flare is used under conditions other than emergency or upset conditions.</p> <p>ALTERNATE OPACITY LIMITATION [REG I] = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p>	
FL-201	30 TAC Chapter 115, HRVOC Vent Gas	R5720-0225	<p>MONITORING REQUIREMENTS = Flare is complying with the continuous monitoring requirements of § 115.725(d).</p> <p>OUT OF SERVICE = Flare was not permanently out of service by April 1, 2006.</p> <p>TOTAL GAS STREAM = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time.</p> <p>GAS STREAM CONCENTRATION = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time.</p> <p>MULTI-PURPOSE USAGE = Flare is used for abatement of emissions from scheduled or unscheduled maintenance, startup or shutdown activities AND as an emergency flare.</p> <p>FLOW RATE = Flow rate of the gas routed to the flare is determined using the requirements of § 115.725(d)(1).</p> <p>ALTERNATIVE MONITORING = No alternative monitoring and test methods are used.</p> <p>PHYSICAL SEAL = Flare is equipped with a flow monitor or indicator.</p> <p>MINOR MODIFICATION = No minor modifications to the monitoring and test methods are used.</p> <p>TANK SERVICE = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC.</p> <p>FLARE TYPE = Flare is in multi-purpose service.</p>	<p><u>Recordkeeping Requirements</u></p> <p>§§115.726(d)(7), (d)(7)(A)-(C) added for clarification of specific records that are required for emergency flares.</p>
FL-201	40 CFR Part 60, Subpart A	60A-0004	<p>SUBJECT TO 40 CFR 60.18 = Flare is subject to 40 CFR § 60.18.</p> <p>ADHERING TO HEAT CONTENT SPECIFICATIONS = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).</p> <p>FLARE ASSIST TYPE [NSPS A, NESHAP A, AND/OR MACT A] = Steam-assisted</p> <p>FLARE EXIT VELOCITY [NSPS A, NESHAP A, AND/OR MACT A] = Flare exit velocity is less than 60 ft/s (18.3 m/sec)</p>	
FL-201	40 CFR Part 63, Subpart A	63A-0004	<p>REQUIRED UNDER 40 CFR 63 = Flare is required by a Subpart under 40 CFR Part 63.</p> <p>HEAT CONTENT SPECIFICATION = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).</p> <p>FLARE ASSIST TYPE = Steam assisted</p> <p>FLARE EXIT VELOCITY = Flare exit velocity is less than 60 ft/s (18.3 m/sec)</p>	
FL-351	30 TAC Chapter 111, Visible Emissions	R1111-0001	<p>ACID GASES ONLY [REG I] = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>EMERGENCY/UPSET CONDITIONS ONLY [REG I] = Flare is used under conditions other than emergency or upset conditions.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FL-351	30 TAC Chapter 115, HRVOC Vent Gas	R5720-0225	<p>ALTERNATE OPACITY LIMITATION [REG I] = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>MONITORING REQUIREMENTS = Flare is complying with the continuous monitoring requirements of § 115.725(d).</p> <p>OUT OF SERVICE = Flare was not permanently out of service by April 1, 2006.</p> <p>TOTAL GAS STREAM = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time.</p> <p>GAS STREAM CONCENTRATION = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time.</p> <p>MULTI-PURPOSE USAGE = Flare is used for abatement of emissions from scheduled or undcheduled maintenance, startup or shutdown activities AND as an emergency flare.</p> <p>FLOW RATE = Flow rate of the gas routed to the flare is determined using the requirements of § 115.725(d)(1).</p> <p>ALTERNATIVE MONITORING = No alternative monitoring and test methods are used.</p> <p>PHYSICAL SEAL = Flare is equipped with a flow monitor or indicator.</p> <p>MINOR MODIFICATION = No minor modifications to the monitoring and test methods are used.</p> <p>TANK SERVICE = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC.</p> <p>FLARE TYPE = Flare is in multi-purpose service.</p>	<p><u>Recordkeeping Requirements</u></p> <p>§§115.726(d)(7), (d)(7)(A)-(C) added for clarification of specific records that are required for emergency flares.</p>
FL-351	40 CFR Part 60, Subpart A	60A-0004	<p>SUBJECT TO 40 CFR 60.18 = Flare is subject to 40 CFR § 60.18.</p> <p>ADHERING TO HEAT CONTENT SPECIFICATIONS = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).</p> <p>FLARE ASSIST TYPE [NSPS A, NESHAP A, AND/OR MACT A] = Steam-assisted</p> <p>FLARE EXIT VELOCITY [NSPS A, NESHAP A, AND/OR MACT A] = Flare exit velocity is less than 60 ft/s (18.3 m/sec)</p>	
FL-351	40 CFR Part 63, Subpart A	63A-0004	<p>REQUIRED UNDER 40 CFR 63 = Flare is required by a Subpart under 40 CFR Part 63.</p> <p>HEAT CONTENT SPECIFICATION = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).</p> <p>FLARE ASSIST TYPE = Steam assisted</p> <p>FLARE EXIT VELOCITY = Flare exit velocity is less than 60 ft/s (18.3 m/sec)</p>	
FL-401	30 TAC Chapter 111, Visible Emissions	R1111-0001	<p>ACID GASES ONLY [REG I] = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>EMERGENCY/UPSET CONDITIONS ONLY [REG I] = Flare is used under conditions other than emergency or upset conditions.</p> <p>ALTERNATE OPACITY LIMITATION [REG I] = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p>	
FL-401	30 TAC Chapter 115, HRVOC Vent Gas	R5720-0225	<p>MONITORING REQUIREMENTS = Flare is complying with the continuous monitoring requirements of § 115.725(d).</p> <p>OUT OF SERVICE = Flare was not permanently out of service by April 1, 2006.</p> <p>TOTAL GAS STREAM = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time.</p> <p>GAS STREAM CONCENTRATION = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time.</p> <p>MULTI-PURPOSE USAGE = Flare is used for abatement of emissions from scheduled or undcheduled maintenance, startup or shutdown activities AND as an emergency flare.</p> <p>FLOW RATE = Flow rate of the gas routed to the flare is determined using the requirements of § 115.725(d)(1).</p> <p>ALTERNATIVE MONITORING = No alternative monitoring and test methods are used.</p> <p>PHYSICAL SEAL = Flare is equipped with a flow monitor or indicator.</p>	<p><u>Recordkeeping Requirements</u></p> <p>§§115.726(d)(7), (d)(7)(A)-(C) added for clarification of specific records that are required for emergency flares.</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			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-401	40 CFR Part 60, Subpart A	60A-0004	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-401	40 CFR Part 63, Subpart A	63A-0004	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-601	30 TAC Chapter 111, Visible Emissions	R1111-0001	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-601	40 CFR Part 60, Subpart A	60A-0004	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-601	40 CFR Part 63, Subpart A	63A-0004	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)	
DOCK-FUGIT	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.	
DOCK-FUGIT	40 CFR Part 63, Subpart H	63H-ALL	SOP Index No. = Owner/Operator assumes fugitive control requirements for all components in VOC or VHAP service subject to 40 CFR Part 63, Subpart H with no alternated control or control device.	
MX2-FUGIT	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5	COMPRESSOR SEALS/VOC SERVICE [REG V] = NO FLANGES = 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**
			<p>RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE.</p> <p>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.</p> <p>VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES</p> <p>ACR FOR FLANGES = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO</p> <p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p> <p>WEIGHT PERCENT VOC 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)</p> <p>COMPLYING WITH §115.352(1) = YES</p> <p>COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES</p> <p>RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS</p> <p>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</p> <p>TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO</p> <p>TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO</p> <p>REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES</p> <p>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</p> <p>TVP OF PROCESS FLUID &gt; 0.044 PSIA = YES</p>	
MX2-FUGIT	40 CFR Part 63, Subpart H	HON	<p>ANY (CLOSED VENT SYSTEMS) = COMPONENT PRESENT</p> <p>ANY (OPEN-ENDED VALVES OR LINES) = COMPONENT PRESENT</p> <p>BYPASS LINES = FUGITIVE UNIT WITH A CLOSED-VENT SYSTEM DOES NOT CONTAIN A BY-PASS LINE THAT COULD DIVERT A VENT STREAM AWAY FROM THE CONTROL DEVICE AND TO THE ATMOSPHERE</p> <p>EQUIPMENT TYPE = FUGITIVE UNIT CONTAINS EQUIPMENT LISTED IN 40 CFR § 63.160(A) WHICH IS OPERATED IN ORGANIC HAZARDOUS AIR POLLUTANT SERVICE</p> <p>GAS/VAPOR OR LIGHT LIQUID SERVICE (AGITATORS) = COMPONENT NOT PRESENT</p> <p>LIGHT LIQUID SERVICE (PUMPS) = COMPONENT PRESENT</p> <p>HEAVY LIQUID SERVICE (AGITATORS) = COMPONENT NOT PRESENT</p> <p>HEAVY LIQUID SERVICE (OPEN-ENDED VALVES OR LINES) = COMPONENT NOT PRESENT</p> <p>HEAVY LIQUID SERVICE (PUMPS) = COMPONENT NOT PRESENT</p> <p>NON RESEARCH AND DEVELOPMENT/BATCH PROCESSES = FUGITIVE UNIT CONTAINS PROCESSES OTHER THAN RESEARCH AND DEVELOPMENT FACILITIES AND BENCH-SCALE BATCH PROCESSES</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT UNSAFE TO INSPECT = FUGITIVE UNIT CONTAINS ANY CLOSED-VENT SYSTEM WITH PARTS DESIGNATED AS UNSAFE TO INSPECT ANY (INSTRUMENTATION SYSTEMS) = COMPONENT PRESENT DIFFICULT TO INSPECT = FUGITIVE UNIT CONTAINS ANY CLOSED-VENT SYSTEM WITH PARTS DESIGNATED AS DIFFICULT TO INSPECT GAS/VAPOR OR LIGHT LIQUID SERVICE (VALVES) = COMPONENT PRESENT QIP = UNIT DOES NOT OPT TO COMPLY WITH A QUALITY IMPROVEMENT PROGRAM FOR PUMPS VACUUM SERVICE = NOT ALL OF THE EQUIPMENT IN THE FUGITIVE UNIT IS IN VACUUM SERVICE ANY (COMPRESSORS) = COMPONENT NOT PRESENT ENCLOSED COMBUSTION DEVICES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (INSTRUMENTATION SYSTEMS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (VALVES) = COMPONENT NOT PRESENT LESS THAN 300 OPERATING HOURS = THE FUGITIVE UNIT CONTAINS ANY EQUIPMENT IN ORGANIC HAZARDOUS AIR POLLUTANT (HAP) SERVICE THAT IS INTENDED TO OPERATE LESS THAN 300 HOURS PER CALENDAR YEAR ANY (SURGE CONTROL VESSELS OR BOTTOMS RECEIVERS) = COMPONENT NOT PRESENT GAS VAPOR SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT PRESENT HEAVY LIQUID SERVICE = NONE OF THE EQUIPMENT IN ORGANIC HAP SERVICE THAT IS INTENDED TO OPERATE LESS THAN 300 HOURS PER CALENDAR YEAR IS IN HEAVY LIQUID SERVICE QIP = UNIT DOES NOT OPT TO COMPLY WITH A QUALITY IMPROVEMENT PROGRAM FOR VALVES AMEL = FUGITIVE UNIT SOURCE OWNER/OPERATOR IS NOT ELECTING TO COMPLY WITH AN ALTERNATIVE MEANS OF EMISSION LIMITATION (AMEL) FLARES (CLOSED VENT SYSTEMS) = COMPONENT PRESENT GAS/VAPOR OR LIGHT LIQUID SERVICE (CONNECTORS) = COMPONENT PRESENT HEAVY LIQUID SERVICE (SURGE CONTROL VESSELS OR BOTTOMS RECEIVERS) = COMPONENT NOT PRESENT LIQUID SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT PRESENT HEAVY LIQUID SERVICE (CONNECTORS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT NOT PRESENT ANY (SAMPLING CONNECTION SYSTEMS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (SAMPLING CONNECTION SYSTEMS) = COMPONENT NOT PRESENT	
PX1-FUGIT	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	OWNER/OPERATOR ASSUMES HIGHLY REACTIVE VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO 30 TAC CHAPTER 115, HRVOC FUGITIVE EMISSIONS WITH NO ALTERNATE CONTROL OR CONTROL DEVICE	
PX1-FUGIT	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5	COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = YES PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES PROCESS DRAINS/VOC SERVICE [REG V] = YES	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>PUMP SEALS IN VOC SERVICE [REG V] = YES</p> <p>RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE.</p> <p>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.</p> <p>VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES</p> <p>ACR FOR FLANGES = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO</p> <p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p> <p>WEIGHT PERCENT VOC 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)</p> <p>COMPLYING WITH §115.352(1) = YES</p> <p>COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES</p> <p>RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS</p> <p>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) LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES FAHRENHEIT</p> <p>TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES</p> <p>TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES</p> <p>REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES</p> <p>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</p> <p>TVP OF PROCESS FLUID &gt; 0.044 PSIA = YES</p> <p>TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO</p> <p>Complying With § 115.352(1) = YES</p>	
PX1-FUGIT	40 CFR Part 63, Subpart H	HON	<p>ANY (CLOSED VENT SYSTEMS) = COMPONENT PRESENT</p> <p>ANY (OPEN-ENDED VALVES OR LINES) = COMPONENT PRESENT</p> <p>BYPASS LINES = FUGITIVE UNIT WITH A CLOSED-VENT SYSTEM DOES NOT CONTAIN A BY-PASS LINE THAT COULD DIVERT A VENT STREAM AWAY FROM THE CONTROL DEVICE AND TO THE ATMOSPHERE</p> <p>EQUIPMENT TYPE = FUGITIVE UNIT CONTAINS EQUIPMENT LISTED IN 40 CFR § 63.160(A) WHICH IS OPERATED IN ORGANIC HAZARDOUS AIR POLLUTANT SERVICE</p> <p>GAS/VAPOR OR LIGHT LIQUID SERVICE (AGITATORS) = COMPONENT NOT PRESENT</p> <p>LIGHT LIQUID SERVICE (PUMPS) = COMPONENT PRESENT</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>HEAVY LIQUID SERVICE (AGITATORS) = COMPONENT NOT PRESENT</p> <p>HEAVY LIQUID SERVICE (OPEN-ENDED VALVES OR LINES) = COMPONENT PRESENT</p> <p>HEAVY LIQUID SERVICE (PUMPS) = COMPONENT NOT PRESENT</p> <p>NON RESEARCH AND DEVELOPMENT/BATCH PROCESSES = FUGITIVE UNIT CONTAINS PROCESSES OTHER THAN RESEARCH AND DEVELOPMENT FACILITIES AND BENCH-SCALE BATCH PROCESSES</p> <p>RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT</p> <p>UNSAFE TO INSPECT = FUGITIVE UNIT CONTAINS ANY CLOSED-VENT SYSTEM WITH PARTS DESIGNATED AS UNSAFE TO INSPECT</p> <p>ANY (INSTRUMENTATION SYSTEMS) = COMPONENT PRESENT</p> <p>DIFFICULT TO INSPECT = FUGITIVE UNIT CONTAINS ANY CLOSED-VENT SYSTEM WITH PARTS DESIGNATED AS DIFFICULT TO INSPECT</p> <p>GAS/VAPOR OR LIGHT LIQUID SERVICE (VALVES) = COMPONENT PRESENT</p> <p>QIP = UNIT DOES NOT OPT TO COMPLY WITH A QUALITY IMPROVEMENT PROGRAM FOR PUMPS</p> <p>VACUUM SERVICE = NOT ALL OF THE EQUIPMENT IN THE FUGITIVE UNIT IS IN VACUUM SERVICE</p> <p>ANY (COMPRESSORS) = COMPONENT NOT PRESENT</p> <p>ENCLOSED COMBUSTION DEVICES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT</p> <p>HEAVY LIQUID SERVICE (INSTRUMENTATION SYSTEMS) = COMPONENT NOT PRESENT</p> <p>HEAVY LIQUID SERVICE (VALVES) = COMPONENT PRESENT</p> <p>LESS THAN 300 OPERATING HOURS = THE FUGITIVE UNIT CONTAINS ANY EQUIPMENT IN ORGANIC HAZARDOUS AIR POLLUTANT (HAP) SERVICE THAT IS INTENDED TO OPERATE LESS THAN 300 HOURS PER CALENDAR YEAR</p> <p>ANY (SURGE CONTROL VESSELS OR BOTTOMS RECEIVERS) = COMPONENT NOT PRESENT</p> <p>GAS VAPOR SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT PRESENT</p> <p>HEAVY LIQUID SERVICE = ANY OF THE EQUIPMENT IN ORGANIC HAP SERVICE THAT IS INTENDED TO OPERATE LESS THAN 300 HOURS PER CALENDAR YEAR IS IN HEAVY LIQUID SERVICE</p> <p>QIP = UNIT DOES NOT OPT TO COMPLY WITH A QUALITY IMPROVEMENT PROGRAM FOR VALVES</p> <p>AMEL = FUGITIVE UNIT SOURCE OWNER/OPERATOR IS NOT ELECTING TO COMPLY WITH AN ALTERNATIVE MEANS OF EMISSION LIMITATION (AMEL)</p> <p>FLARES (CLOSED VENT SYSTEMS) = COMPONENT PRESENT</p> <p>GAS/VAPOR OR LIGHT LIQUID SERVICE (CONNECTORS) = COMPONENT PRESENT</p> <p>HEAVY LIQUID SERVICE (SURGE CONTROL VESSELS OR BOTTOMS RECEIVERS) = COMPONENT NOT PRESENT</p> <p>LIQUID SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT PRESENT</p> <p>HEAVY LIQUID SERVICE (CONNECTORS) = COMPONENT PRESENT</p> <p>HEAVY LIQUID SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT NOT PRESENT</p> <p>ANY (SAMPLING CONNECTION SYSTEMS) = COMPONENT NOT PRESENT</p> <p>HEAVY LIQUID SERVICE (SAMPLING CONNECTION SYSTEMS) = COMPONENT NOT PRESENT</p>	
PX1-FUGVOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	OWNER/OPERATOR ASSUMES HIGHLY REACTIVE VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO 30 TAC CHAPTER 115, HRVOC FUGITIVE EMISSIONS WITH NO ALTERNATE CONTROL OR CONTROL DEVICE	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
PX1-FUGVOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352	<p>COMPRESSOR SEALS/VOC SERVICE [REG V] = YES</p> <p>FLANGES = YES</p> <p>PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES</p> <p>PROCESS DRAINS/VOC SERVICE [REG V] = YES</p> <p>PUMP SEALS IN VOC SERVICE [REG V] = YES</p> <p>RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE.</p> <p>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.</p> <p>VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES</p> <p>ACR FOR FLANGES = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--PROCESS DRAINS [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO</p> <p>INSTRUMENTATION SYSTEMS = FUGITIVE UNIT DOES NOT HAVE INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169</p> <p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p> <p>SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169</p> <p>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)</p> <p>COMPLYING WITH §115.352(1) = YES</p> <p>COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES</p> <p>RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS</p> <p>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</p> <p>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) LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES FAHRENHEIT</p> <p>TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES</p> <p>TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES</p> <p>REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES</p> <p>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</p> <p>TVP OF PROCESS FLUID &gt; 0.044 PSIA = YES</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO  Complying With § 115.352(1) = YES</p>	
PX1-FUGVOC	40 CFR Part 60, Subpart VV	60VV-ALL	OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO 40 CFR 60, SUBPART VV WITH NO ALTERNATE CONTROL OR CONTROL DEVICE	
PX2-FUGIT	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	OWNER/OPERATOR ASSUMES HIGHLY REACTIVE VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO 30 TAC CHAPTER 115, HRVOC FUGITIVE EMISSIONS WITH NO ALTERNATE CONTROL OR CONTROL DEVICE	
PX2-FUGIT	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5	<p>COMPRESSOR SEALS/VOC SERVICE [REG V] = YES  FLANGES = 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 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  Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.  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  RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS  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) LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES FAHRENHEIT  TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES  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</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			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 Complying With § 115.352(1) = YES	
PX2-FUGIT	40 CFR Part 63, Subpart H	HON	ANY (CLOSED VENT SYSTEMS) = COMPONENT PRESENT ANY (OPEN-ENDED VALVES OR LINES) = COMPONENT PRESENT BYPASS LINES = FUGITIVE UNIT WITH A CLOSED-VENT SYSTEM DOES NOT CONTAIN A BY-PASS LINE THAT COULD DIVERT A VENT STREAM AWAY FROM THE CONTROL DEVICE AND TO THE ATMOSPHERE EQUIPMENT TYPE = FUGITIVE UNIT CONTAINS EQUIPMENT LISTED IN 40 CFR § 63.160(A) WHICH IS OPERATED IN ORGANIC HAZARDOUS AIR POLLUTANT SERVICE GAS/VAPOR OR LIGHT LIQUID SERVICE (AGITATORS) = COMPONENT NOT PRESENT LIGHT LIQUID SERVICE (PUMPS) = COMPONENT PRESENT HEAVY LIQUID SERVICE (AGITATORS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (OPEN-ENDED VALVES OR LINES) = COMPONENT PRESENT HEAVY LIQUID SERVICE (PUMPS) = COMPONENT PRESENT NON RESEARCH AND DEVELOPMENT/BATCH PROCESSES = FUGITIVE UNIT CONTAINS PROCESSES OTHER THAN RESEARCH AND DEVELOPMENT FACILITIES AND BENCH-SCALE BATCH PROCESSES RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT UNSAFE TO INSPECT = FUGITIVE UNIT CONTAINS ANY CLOSED-VENT SYSTEM WITH PARTS DESIGNATED AS UNSAFE TO INSPECT ANY (INSTRUMENTATION SYSTEMS) = COMPONENT NOT PRESENT DIFFICULT TO INSPECT = FUGITIVE UNIT CONTAINS ANY CLOSED-VENT SYSTEM WITH PARTS DESIGNATED AS DIFFICULT TO INSPECT GAS/VAPOR OR LIGHT LIQUID SERVICE (VALVES) = COMPONENT PRESENT QIP = UNIT DOES NOT OPT TO COMPLY WITH A QUALITY IMPROVEMENT PROGRAM FOR PUMPS VACUUM SERVICE = NOT ALL OF THE EQUIPMENT IN THE FUGITIVE UNIT IS IN VACUUM SERVICE ANY (COMPRESSORS) = COMPONENT PRESENT ENCLOSED COMBUSTION DEVICES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (INSTRUMENTATION SYSTEMS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (VALVES) = COMPONENT PRESENT LESS THAN 300 OPERATING HOURS = THE FUGITIVE UNIT CONTAINS ANY EQUIPMENT IN ORGANIC HAZARDOUS AIR POLLUTANT (HAP) SERVICE THAT IS INTENDED TO OPERATE LESS THAN 300 HOURS PER CALENDAR YEAR ANY (SURGE CONTROL VESSELS OR BOTTOMS RECEIVERS) = COMPONENT NOT PRESENT GAS VAPOR SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT PRESENT HEAVY LIQUID SERVICE = ANY OF THE EQUIPMENT IN ORGANIC HAP SERVICE THAT IS INTENDED TO OPERATE LESS THAN 300 HOURS PER CALENDAR YEAR IS IN HEAVY LIQUID SERVICE QIP = UNIT DOES NOT OPT TO COMPLY WITH A QUALITY IMPROVEMENT PROGRAM FOR VALVES AMEL = FUGITIVE UNIT SOURCE OWNER/OPERATOR IS NOT ELECTING TO COMPLY WITH AN ALTERNATIVE	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>MEANS OF EMISSION LIMITATION (AMEL)            FLARES (CLOSED VENT SYSTEMS) = COMPONENT PRESENT            GAS/VAPOR OR LIGHT LIQUID SERVICE (CONNECTORS) = COMPONENT PRESENT            HEAVY LIQUID SERVICE (SURGE CONTROL VESSELS OR BOTTOMS RECEIVERS) = COMPONENT NOT PRESENT            LIQUID SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT PRESENT            HEAVY LIQUID SERVICE (CONNECTORS) = COMPONENT PRESENT            HEAVY LIQUID SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT PRESENT            ANY (SAMPLING CONNECTION SYSTEMS) = COMPONENT NOT PRESENT            HEAVY LIQUID SERVICE (SAMPLING CONNECTION SYSTEMS) = COMPONENT NOT PRESENT</p>	
PX2-FUGVOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	OWNER/OPERATOR ASSUMES HIGHLY REACTIVE VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO 30 TAC CHAPTER 115, HRVOC FUGITIVE EMISSIONS WITH NO ALTERNATE CONTROL OR CONTROL DEVICE	
PX2-FUGVOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352	<p>COMPRESSOR SEALS/VOC SERVICE [REG V] = YES            FLANGES = 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 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 DOES NOT HAVE 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</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS</p> <p>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</p> <p>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) LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES FAHRENHEIT</p> <p>TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES</p> <p>TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES</p> <p>REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES</p> <p>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</p> <p>TVP OF PROCESS FLUID &gt; 0.044 PSIA = YES</p> <p>TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO</p> <p>Complying With § 115.352(1) = YES</p>	
PX2-FUGVOC	40 CFR Part 60, Subpart VV	60VV-ALL	OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO 40 CFR 60, SUBPART VV WITH NO ALTERNATE CONTROL OR CONTROL DEVICE	
PX3-FUGIT	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	OWNER/OPERATOR ASSUMES HIGHLY REACTIVE VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO 30 TAC CHAPTER 115, HRVOC FUGITIVE EMISSIONS WITH NO ALTERNATE CONTROL OR CONTROL DEVICE	
PX3-FUGIT	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5	<p>COMPRESSOR SEALS/VOC SERVICE [REG V] = YES</p> <p>FLANGES = YES</p> <p>PRESSURE RELIEF VALVES IN GASEOUS VOC SERVICE [REG V] = YES</p> <p>PROCESS DRAINS/VOC SERVICE [REG V] = NO</p> <p>PUMP SEALS IN VOC SERVICE [REG V] = YES</p> <p>RUPTURE DISKS = RELIEF VALVES EQUIPPED WITH A RUPTURE DISK OR VENTING TO A CONTROL DEVICE ARE IN USE.</p> <p>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.</p> <p>VALVES OTHER THAN PRESSURE RELIEF OR OPEN-ENDED/VOC SERVICE [REG V] = YES</p> <p>ACR FOR FLANGES = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)-- VALVES [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--COMPRESSOR SEALS [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--PRESSURE RELIEF VALVES [REG V] = NO</p> <p>ALTERNATE CONTROL REQUIREMENT (ACR)--PUMP SEALS [REG V] = NO</p> <p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p> <p>WEIGHT PERCENT VOC IN PROCESS FLUID [REG V] = PROCESS FLUID CONTAINS AT LEAST 10% VOC BY WEIGHT (PETROLEUM REFINERY, SYNTHETIC ORGANIC CHEMICAL, POLYMER RESIN OR MTBE</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>MANUFACTURING PROCESSES)</p> <p>COMPLYING WITH §115.352(1) = YES</p> <p>RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS</p> <p>TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO</p> <p>TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO</p> <p>REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES</p> <p>TVP OF PROCESS FLUID &gt; 0.044 PSIA = YES</p> <p>TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO</p> <p>Complying With § 115.352(1) = YES</p>	
PX3-FUGIT	40 CFR Part 63, Subpart H	HON	<p>ANY (CLOSED VENT SYSTEMS) = COMPONENT PRESENT</p> <p>ANY (OPEN-ENDED VALVES OR LINES) = COMPONENT PRESENT</p> <p>BYPASS LINES = FUGITIVE UNIT WITH A CLOSED-VENT SYSTEM DOES NOT CONTAIN A BY-PASS LINE THAT COULD DIVERT A VENT STREAM AWAY FROM THE CONTROL DEVICE AND TO THE ATMOSPHERE</p> <p>EQUIPMENT TYPE = FUGITIVE UNIT CONTAINS EQUIPMENT LISTED IN 40 CFR § 63.160(A) WHICH IS OPERATED IN ORGANIC HAZARDOUS AIR POLLUTANT SERVICE</p> <p>GAS/VAPOR OR LIGHT LIQUID SERVICE (AGITATORS) = COMPONENT NOT PRESENT</p> <p>LIGHT LIQUID SERVICE (PUMPS) = COMPONENT PRESENT</p> <p>HEAVY LIQUID SERVICE (AGITATORS) = COMPONENT NOT PRESENT</p> <p>HEAVY LIQUID SERVICE (OPEN-ENDED VALVES OR LINES) = COMPONENT NOT PRESENT</p> <p>HEAVY LIQUID SERVICE (PUMPS) = COMPONENT NOT PRESENT</p> <p>NON RESEARCH AND DEVELOPMENT/BATCH PROCESSES = FUGITIVE UNIT CONTAINS PROCESSES OTHER THAN RESEARCH AND DEVELOPMENT FACILITIES AND BENCH-SCALE BATCH PROCESSES</p> <p>RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT</p> <p>UNSAFE TO INSPECT = FUGITIVE UNIT CONTAINS ANY CLOSED-VENT SYSTEM WITH PARTS DESIGNATED AS UNSAFE TO INSPECT</p> <p>ANY (INSTRUMENTATION SYSTEMS) = COMPONENT NOT PRESENT</p> <p>DIFFICULT TO INSPECT = FUGITIVE UNIT CONTAINS ANY CLOSED-VENT SYSTEM WITH PARTS DESIGNATED AS DIFFICULT TO INSPECT</p> <p>GAS/VAPOR OR LIGHT LIQUID SERVICE (VALVES) = COMPONENT PRESENT</p> <p>QIP = UNIT DOES NOT OPT TO COMPLY WITH A QUALITY IMPROVEMENT PROGRAM FOR PUMPS</p> <p>VACUUM SERVICE = NOT ALL OF THE EQUIPMENT IN THE FUGITIVE UNIT IS IN VACUUM SERVICE</p> <p>ANY (COMPRESSORS) = COMPONENT NOT PRESENT</p> <p>ENCLOSED COMBUSTION DEVICES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT</p> <p>HEAVY LIQUID SERVICE (INSTRUMENTATION SYSTEMS) = COMPONENT NOT PRESENT</p> <p>HEAVY LIQUID SERVICE (VALVES) = COMPONENT NOT PRESENT</p> <p>LESS THAN 300 OPERATING HOURS = THE FUGITIVE UNIT CONTAINS ANY EQUIPMENT IN ORGANIC HAZARDOUS AIR POLLUTANT (HAP) SERVICE THAT IS INTENDED TO OPERATE LESS THAN 300 HOURS PER</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CALENDAR YEAR ANY (SURGE CONTROL VESSELS OR BOTTOMS RECEIVERS) = COMPONENT NOT PRESENT GAS VAPOR SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT PRESENT HEAVY LIQUID SERVICE = NONE OF THE EQUIPMENT IN ORGANIC HAP SERVICE THAT IS INTENDED TO OPERATE LESS THAN 300 HOURS PER CALENDAR YEAR IS IN HEAVY LIQUID SERVICE QIP = UNIT DOES NOT OPT TO COMPLY WITH A QUALITY IMPROVEMENT PROGRAM FOR VALVES AMEL = FUGITIVE UNIT SOURCE OWNER/OPERATOR IS NOT ELECTING TO COMPLY WITH AN ALTERNATIVE MEANS OF EMISSION LIMITATION (AMEL) FLARES (CLOSED VENT SYSTEMS) = COMPONENT PRESENT GAS/VAPOR OR LIGHT LIQUID SERVICE (CONNECTORS) = COMPONENT PRESENT HEAVY LIQUID SERVICE (SURGE CONTROL VESSELS OR BOTTOMS RECEIVERS) = COMPONENT NOT PRESENT LIQUID SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT PRESENT HEAVY LIQUID SERVICE (CONNECTORS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT NOT PRESENT ANY (SAMPLING CONNECTION SYSTEMS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (SAMPLING CONNECTION SYSTEMS) = COMPONENT NOT PRESENT	
PX3-FUGVOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	OWNER/OPERATOR ASSUMES HIGHLY REACTIVE VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO 30 TAC CHAPTER 115, HRVOC FUGITIVE EMISSIONS WITH NO ALTERNATE CONTROL OR CONTROL DEVICE	
PX3-FUGVOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352	COMPRESSOR SEALS/VOC SERVICE [REG V] = YES FLANGES = 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 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 DOES NOT HAVE INSTRUMENTATION SYSTEMS THAT MEET 40 CFR § 63.169	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.</p> <p>SAMPLING CONNECTON SYSTEMS = FUGITIVE UNIT HAS SAMPLING CONNECTION SYSTEMS THAT MEET 40 CFR § 63.169</p> <p>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)</p> <p>COMPLYING WITH §115.352(1) = YES</p> <p>COMPLYING W/ 30 TAC 115.352(1)--PROCESS DRAINS = YES</p> <p>RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS [REG V] = NO RECIPROCATING COMPRESSORS OR POSITIVE DISPLACEMENT PUMPS USED IN NATURAL GAS/GASOLINE PROCESSING OPERATIONS</p> <p>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</p> <p>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) LESS THAN OR EQUAL TO 0.044 PSIA AT 68 DEGREES FAHRENHEIT</p> <p>TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES</p> <p>TVP OR PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = YES</p> <p>REMAINING SEALS COMPLY WITH 115.352(1)--PUMP SEALS [REG V] = YES</p> <p>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</p> <p>TVP OF PROCESS FLUID &gt; 0.044 PSIA = YES</p> <p>TVP OF PROCESS FLUID LESS THAN OR EQUAL TO 0.044 PSIA = NO</p> <p>Complying With § 115.352(1) = YES</p>	
PX3-FUGVOC	40 CFR Part 60, Subpart VV	60VV-ALL	OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO 40 CFR 60, SUBPART VV WITH NO ALTERNATE CONTROL OR CONTROL DEVICE	
PX2-CTWR	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-0007	<p>COOLING TOWER HEAT EXCHANGE SYSTEM EXEMPTIONS = The stream directed to the cooling tower heat exchange system contains less than 5.0% by weight HRVOC.</p> <p>JACKETED REACTOR = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor.</p> <p>ALTERNATIVE MONITORING = Complying with the specified monitoring in 30 TAC § 115.764.</p> <p>DESIGN CAPACITY = Design capacity to circulate less than 8000 gpm.</p> <p>MODIFIED MONITORING = NOT USING MINOR MODIFICATIONS TO THE MONITORING AND TESTING METHODS IN 30 TAC § 115.764.</p> <p>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).</p> <p>TOTAL STRIPPABLE VOC = Each individual heat exchanger in the cooling tower heat exchange system has less than 5.0% HRVOC in the process side and compliance with §115.764(d) is chosen.</p>	
PX2-CTWR	40 CFR Part 63, Subpart Q	63Q	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.	
PX3-CTWR	30 TAC Chapter 115, HRVOC	R5760-0191	COOLING TOWER HEAT EXCHANGE SYSTEM EXEMPTIONS = The cooling tower heat exchange system does not qualify for an exemption.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Cooling Towers		<p>JACKETED REACTOR = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor.</p> <p>ALTERNATIVE MONITORING = Complying with the specified monitoring in 30 TAC § 115.764.</p> <p>DESIGN CAPACITY = Design capacity to circulate less than 8000 gpm.</p> <p>MODIFIED MONITORING = NOT USING MINOR MODIFICATIONS TO THE MONITORING AND TESTING METHODS IN 30 TAC § 115.764.</p> <p>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).</p> <p>TOTAL STRIPPABLE VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a).</p> <p>ON-LINE MONITOR = Speciated strippable HRVOC concentration is being determined by sampling.</p>	
PX3-CTWR	40 CFR Part 63, Subpart Q	63Q-0001	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.	
MX1-APISEP	30 TAC Chapter 115, Water Separation	R5131-0003	<p>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.</p> <p>EXEMPTION FROM CONTROL REQUIREMENTS OF 115.132 [REG V] = Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure less than 0.5 psia (3.4 kPa) obtained from any equipment.</p>	
MX1-APISEP	40 CFR Part 63, Subpart VV	63VV	CONTROL [MACT VV] = No subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV for control of emissions from the separator.	
MX1-SEP	30 TAC Chapter 115, Water Separation	R5132	<p>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.</p> <p>EXEMPTION FROM CONTROL REQUIREMENTS OF 115.132 [REG V] = Any single or multiple compartment VOC water separator which is designed solely to capture stormwater, spills, or exterior surface cleanup waters and is fully covered.</p>	
MX1-SEP	40 CFR Part 63, Subpart VV	R5132	CONTROL [MACT VV] = No subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV for control of emissions from the separator.	
MX2-APISEP	30 TAC Chapter 115, Water Separation	R5131-0003	<p>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.</p> <p>EXEMPTION FROM CONTROL REQUIREMENTS OF 115.132 [REG V] = Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure less than 0.5 psia (3.4 kPa) obtained from any equipment.</p>	
MX2-APISEP	40 CFR Part 63, Subpart VV	60VV	CONTROL [MACT VV] = No subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV for control of emissions from the separator.	
MX2-SEP	30 TAC Chapter 115, Water Separation	R5132	<p>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.</p> <p>EXEMPTION FROM CONTROL REQUIREMENTS OF 115.132 [REG V] = Any single or multiple compartment VOC water separator which is designed solely to capture stormwater, spills, or exterior surface cleanup waters and is fully covered.</p>	
MX2-SEP	40 CFR Part 63, Subpart VV	60VV	CONTROL [MACT VV] = No subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV for control of emissions from the separator.	
POLYB-SEP	30 TAC Chapter	R5131-0003	ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = The executive director (or the EPA Administrator) has not	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	115, Water Separation		approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. EXEMPTION FROM CONTROL REQUIREMENTS OF 115.132 [REG V] = Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure less than 0.5 psia (3.4 kPa) obtained from any equipment.	
POLYB-SEP	40 CFR Part 63, Subpart VV	60VV	CONTROL [MACT VV] = No subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV for control of emissions from the separator.	
PX1-APISEP	30 TAC Chapter 115, Water Separation	R5131-0003	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] = Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure less than 0.5 psia (3.4 kPa) obtained from any equipment.	
PX1-APISEP	40 CFR Part 63, Subpart VV	60VV	CONTROL [MACT VV] = No subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV for control of emissions from the separator.	
PX1-SEP	30 TAC Chapter 115, Water Separation	R5132	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] = Any single or multiple compartment VOC water separator which is designed solely to capture stormwater, spills, or exterior surface cleanup waters and is fully covered.	
PX1-SEP	40 CFR Part 63, Subpart VV	60VV	CONTROL [MACT VV] = No subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV for control of emissions from the separator.	
PX2-APISEP	30 TAC Chapter 115, Water Separation	R5131-0003	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] = Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure less than 0.5 psia (3.4 kPa) obtained from any equipment.	
PX2-APISEP	40 CFR Part 63, Subpart VV	60VV	CONTROL [MACT VV] = No subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV for control of emissions from the separator.	
PX2-SEP	30 TAC Chapter 115, Water Separation	R5132	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] = Any single or multiple compartment VOC water separator which is designed solely to capture stormwater, spills, or exterior surface cleanup waters and is fully covered.	
PX2-SEP	40 CFR Part 63, Subpart VV	60VV	CONTROL [MACT VV] = No subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV for control of emissions from the separator.	
PX3-SEP	30 TAC Chapter 115, Water Separation	R5132	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] = Any single or multiple compartment VOC water separator which is designed solely to capture stormwater, spills, or exterior surface cleanup waters and is fully covered.	
PX3-SEP	40 CFR Part 63, Subpart VV	60VV	CONTROL [MACT VV] = No subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV for control of emissions from the separator.	
FL-201	30 TAC Chapter	R5720-0505	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**
HEADER	115, HRVOC Vent Gas		<p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft<sup>3</sup>/hr).</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a flare.</p>	
FL-201 HEADER	30 TAC Chapter 115, Vent Gas Controls	R5121-0016	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Smokeless flare</p> <p>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.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg).</p>	
FL-201 HEADER	40 CFR Part 63, Subpart G	63G-0330	<p>Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.</p> <p>Control Device = Flare</p> <p>Overlap = Title 40 CFR Part 60, Subpart NNN</p> <p>Group 1 = The process vent meets the definition of a Group 1 process vent.</p> <p>Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR §§ 63.114, 63.117, and 63.118.</p> <p>Halogenated = Vent stream is not halogenated.</p> <p>By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.</p> <p>Performance Test = No previous performance test was conducted.</p>	<p><u>Related Standard</u></p> <p>§§ 63.110(d)(4), 63.110(d)(7), and 63.110(i)(1) were added as this is the overlap statement for vents subject to both NSPS NNN and Group 1 HON requirements.</p> <p><u>Recordkeeping Requirements</u></p> <p>§§63.152(f), (f)(1), [G](f)(2), (f)(6), and [G](f)(7) were added to clarify which recordkeeping provisions best apply.</p> <p>[G]§63.152(f) was deleted because some of the provisions in the group did not apply.</p> <p><u>Reporting Requirements</u></p> <p>§§63.152(b)(2), (b)(2)(i), and [G](b)(2)(ii) were added to clarify which reporting provisions best apply.</p> <p>[G]§63.152(b)(2) was deleted because some of the provisions in the group did not apply.</p>
FL-351 HEADER	30 TAC Chapter 115, HRVOC Vent Gas	R5720-0505	<p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft<sup>3</sup>/hr).</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a flare.</p>	
FL-351	30 TAC Chapter	R5121-0016	Alternate Control Requirement = Alternate control is not used.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
HEADER	115, Vent Gas Controls		<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Smokeless flare</p> <p>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.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg).</p>	
FL-351 HEADER	40 CFR Part 63, Subpart G	63G-0330	<p>Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.</p> <p>Control Device = Flare</p> <p>Overlap = Title 40 CFR Part 60, Subpart NNN</p> <p>Group 1 = The process vent meets the definition of a Group 1 process vent.</p> <p>Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR §§ 63.114, 63.117, and 63.118.</p> <p>Halogenated = Vent stream is not halogenated.</p> <p>By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.</p> <p>Performance Test = No previous performance test was conducted.</p>	<p><u>Related Standard</u></p> <p>§§ 63.110(d)(4), 63.110(d)(7), and 63.110(i)(1) were added as this is the overlap statement for vents subject to both NSPS NNN and Group 1 HON requirements.</p> <p><u>Recordkeeping Requirements</u></p> <p>§§63.152(f), (f)(1), [G](f)(2), (f)(6), and [G](f)(7) were added to clarify which recordkeeping provisions best apply.</p> <p>[G]§63.152(f) was deleted because some of the provisions in the group did not apply.</p> <p><u>Reporting Requirements</u></p> <p>§§63.152(b)(2), (b)(2)(i), and [G](b)(2)(ii) were added to clarify which reporting provisions best apply.</p> <p>[G]§63.152(b)(2) was deleted because some of the provisions in the group did not apply.</p>
FL-401 HEADER	30 TAC Chapter 115, HRVOC Vent Gas	R5720-0505	<p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft<sup>3</sup>/hr).</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a flare.</p>	
FL-401 HEADER	30 TAC Chapter 115, Vent Gas Controls	R5121-0016	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Control Device Type = Smokeless flare</p> <p>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.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg).</p>	
FL-401 HEADER	40 CFR Part 63, Subpart G	63G-0330	<p>Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.</p> <p>Control Device = Flare</p> <p>Overlap = Title 40 CFR Part 60, Subpart NNN</p> <p>Group 1 = The process vent meets the definition of a Group 1 process vent.</p> <p>Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR §§ 63.114, 63.117, and 63.118.</p> <p>Halogenated = Vent stream is not halogenated.</p> <p>By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.</p> <p>Performance Test = No previous performance test was conducted.</p>	<p><u>Related Standard</u></p> <p>§§ 63.110(d)(4), 63.110(d)(7), and 63.110(i)(1) were added as this is the overlap statement for vents subject to both NSPS NNN and Group 1 HON requirements.</p> <p><u>Recordkeeping Requirements</u></p> <p>§§63.152(f), (f)(1), [G](f)(2), (f)(6), and [G](f)(7) were added to clarify which recordkeeping provisions best apply.</p> <p>[G]§63.152(f) was deleted because some of the provisions in the group did not apply.</p> <p><u>Reporting Requirements</u></p> <p>§§63.152(b)(2), (b)(2)(i), and [G](b)(2)(ii) were added to clarify which reporting provisions best apply.</p> <p>[G]§63.152(b)(2) was deleted because some of the provisions in the group did not apply.</p>
FL-601 HEADER	30 TAC Chapter 115, Vent Gas Controls	R5121-0016	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Smokeless flare</p> <p>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.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg).</p>	
FL-601 HEADER	40 CFR Part 63, Subpart G	63G-0330	<p>Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.</p> <p>Control Device = Flare</p> <p>Overlap = Title 40 CFR Part 60, Subpart NNN</p>	<p><u>Related Standard</u></p> <p>§§ 63.110(d)(4), 63.110(d)(7), and 63.110(i)(1) were added as this is the overlap statement for vents subject to</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Group 1 = The process vent meets the definition of a Group 1 process vent.</p> <p>Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR §§ 63.114, 63.117, and 63.118.</p> <p>Halogenated = Vent stream is not halogenated.</p> <p>By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.</p> <p>Performance Test = No previous performance test was conducted.</p>	<p>both NSPS NNN and Group 1 HON requirements.</p> <p><u>Recordkeeping Requirements</u></p> <p>§§63.152(f), (f)(1), [G](f)(2), (f)(6), and [G](f)(7) were added to clarify which recordkeeping provisions best apply.</p> <p>[G]§63.152(f) was deleted because some of the provisions in the group did not apply.</p> <p><u>Reporting Requirements</u></p> <p>§§63.152(b)(2), (b)(2)(i), and [G](b)(2)(ii) were added to clarify which reporting provisions best apply.</p> <p>[G]§63.152(b)(2) was deleted because some of the provisions in the group did not apply.</p>
GRPVENT-1	30 TAC Chapter 115, Vent Gas Controls	R5121-0003	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>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.</p>	
MX2-H101	30 TAC Chapter 111, Visible Emissions	R1111-0110	<p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>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.</p> <p>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).</p> <p>Construction Date = On or before January 31, 1972</p> <p>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.</p>	
PX1-H101	30 TAC Chapter 111, Visible Emissions	R1111-0110	<p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>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.</p> <p>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</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>for the exemption in § 111.111(a)(3).</p> <p>Construction Date = On or before January 31, 1972</p> <p>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.</p>	
PX1-H103	30 TAC Chapter 111, Visible Emissions	R1111-0110	<p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>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.</p> <p>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).</p> <p>Construction Date = On or before January 31, 1972</p> <p>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute.</p>	
PX1 T-102	40 CFR Part 60, Subpart NNN	65CAR-0001	<p>40 CFR 60 (NSPS) SUBPART NNN CHEMICALS = DISTILLATION UNIT PRODUCES ANY CHEMICAL LISTED IN 40 CFR § 60.667 AS A PRODUCT, CO-PRODUCT, BY-PRODUCT, OR INTERMEDIATE</p> <p>TOTAL RESOURCE EFFECTIVENESS (TRE) [NSPS NNN] = &gt; 8.0 NOT FROM HALOGENATED VENT STREAM</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS NNN] = AFTER DECEMBER 30, 1983</p> <p>TOTAL ORGANIC COMPOUNDS (TOC) REDUCTION = COMPLIANCE IS ACHIEVED THROUGH THE USE OF A FLARE OR RECOVERY DEVICE</p> <p>40 CFR 60 (NSPS) SUBPART NNN CONTROL DEVICE = FLARE</p> <p>VENT TYPE [NSPS NNN] = DISCHARGING TO A VRS</p> <p>DISTILLATION UNIT TYPE (NSPS NNN) = DOES NOT QUALIFY FOR ANY EXEMPTION IN § 60.660(C)(1)-(3)</p> <p>TOTAL DESIGN CAPACITY [NSPS NNN] = &gt; OR EQUAL TO 1 GGRAM/YR</p> <p>VENT STREAM FLOW RATE [NSPS NNN] = &gt; OR EQUAL TO 0.008 SCM/MIN</p> <p>ORGANIC MONITORING DEVICE = USING A RECOVERY DEVICE SPECIFIC MONITORING DEVICE TO DEMONSTRATE COMPLIANCE WITH THE TRE INDEX VALUE LIMIT OF § 60.662(C)</p>	The citations from 40 CFR Part 65 used to comply with 40 CFR 60, Subpart NNN were determined from an analysis of the rule text and the basis of determination.
PX1 T-103	40 CFR Part 60, Subpart NNN	65CAR-0001	<p>40 CFR 60 (NSPS) SUBPART NNN CHEMICALS = DISTILLATION UNIT PRODUCES ANY CHEMICAL LISTED IN 40 CFR § 60.667 AS A PRODUCT, CO-PRODUCT, BY-PRODUCT, OR INTERMEDIATE</p> <p>TOTAL RESOURCE EFFECTIVENESS (TRE) [NSPS NNN] = &gt; 8.0 NOT FROM HALOGENATED VENT STREAM</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS NNN] = AFTER DECEMBER 30, 1983</p> <p>TOTAL ORGANIC COMPOUNDS (TOC) REDUCTION = COMPLIANCE IS ACHIEVED THROUGH THE USE OF A FLARE OR RECOVERY DEVICE</p> <p>40 CFR 60 (NSPS) SUBPART NNN CONTROL DEVICE = FLARE</p> <p>VENT TYPE [NSPS NNN] = DISCHARGING TO A VRS</p> <p>DISTILLATION UNIT TYPE (NSPS NNN) = DOES NOT QUALIFY FOR ANY EXEMPTION IN § 60.660(C)(1)-(3)</p> <p>TOTAL DESIGN CAPACITY [NSPS NNN] = &gt; OR EQUAL TO 1 GGRAM/YR</p> <p>VENT STREAM FLOW RATE [NSPS NNN] = &gt; OR EQUAL TO 0.008 SCM/MIN</p> <p>ORGANIC MONITORING DEVICE = USING A RECOVERY DEVICE SPECIFIC MONITORING DEVICE TO DEMONSTRATE COMPLIANCE WITH THE TRE INDEX VALUE LIMIT OF § 60.662(C)</p>	The citations from 40 CFR Part 65 used to comply with 40 CFR 60, Subpart NNN were determined from an analysis of the rule text and the basis of determination.
PX1 T-402	40 CFR Part 60, Subpart NNN	65CAR-0001	<p>40 CFR 60 (NSPS) SUBPART NNN CHEMICALS = DISTILLATION UNIT PRODUCES ANY CHEMICAL LISTED IN 40 CFR § 60.667 AS A PRODUCT, CO-PRODUCT, BY-PRODUCT, OR INTERMEDIATE</p>	The citations from 40 CFR Part 65 used to comply with 40 CFR 60, Subpart

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>TOTAL RESOURCE EFFECTIVENESS (TRE) [NSPS NNN] = &gt; 8.0 NOT FROM HALOGENATED VENT STREAM CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS NNN] = AFTER DECEMBER 30, 1983</p> <p>TOTAL ORGANIC COMPOUNDS (TOC) REDUCTION = COMPLIANCE IS ACHIEVED THROUGH THE USE OF A FLARE OR RECOVERY DEVICE</p> <p>40 CFR 60 (NSPS) SUBPART NNN CONTROL DEVICE = FLARE</p> <p>VENT TYPE [NSPS NNN] = DISCHARGING TO A VRS</p> <p>DISTILLATION UNIT TYPE (NSPS NNN) = DOES NOT QUALIFY FOR ANY EXEMPTION IN § 60.660(C)(1)-(3)</p> <p>TOTAL DESIGN CAPACITY [NSPS NNN] = &gt; OR EQUAL TO 1 GGRAM/YR</p> <p>VENT STREAM FLOW RATE [NSPS NNN] = &gt; OR EQUAL TO 0.008 SCM/MIN</p> <p>ORGANIC MONITORING DEVICE = USING A RECOVERY DEVICE SPECIFIC MONITORING DEVICE TO DEMONSTRATE COMPLIANCE WITH THE TRE INDEX VALUE LIMIT OF § 60.662(C)</p>	<p>NNN were determined from an analysis of the rule text and the basis of determination.</p>
PX1 T-501	40 CFR Part 60, Subpart NNN	65CAR-0001	<p>40 CFR 60 (NSPS) SUBPART NNN CHEMICALS = DISTILLATION UNIT PRODUCES ANY CHEMICAL LISTED IN 40 CFR § 60.667 AS A PRODUCT, CO-PRODUCT, BY-PRODUCT, OR INTERMEDIATE</p> <p>TOTAL RESOURCE EFFECTIVENESS (TRE) [NSPS NNN] = &gt; 8.0 NOT FROM HALOGENATED VENT STREAM CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS NNN] = AFTER DECEMBER 30, 1983</p> <p>TOTAL ORGANIC COMPOUNDS (TOC) REDUCTION = COMPLIANCE IS ACHIEVED THROUGH THE USE OF A FLARE OR RECOVERY DEVICE</p> <p>40 CFR 60 (NSPS) SUBPART NNN CONTROL DEVICE = FLARE</p> <p>VENT TYPE [NSPS NNN] = DISCHARGING TO A VRS</p> <p>DISTILLATION UNIT TYPE (NSPS NNN) = DOES NOT QUALIFY FOR ANY EXEMPTION IN § 60.660(C)(1)-(3)</p> <p>TOTAL DESIGN CAPACITY [NSPS NNN] = &gt; OR EQUAL TO 1 GGRAM/YR</p> <p>VENT STREAM FLOW RATE [NSPS NNN] = &gt; OR EQUAL TO 0.008 SCM/MIN</p> <p>ORGANIC MONITORING DEVICE = USING A RECOVERY DEVICE SPECIFIC MONITORING DEVICE TO DEMONSTRATE COMPLIANCE WITH THE TRE INDEX VALUE LIMIT OF § 60.662(C)</p>	<p>The citations from 40 CFR Part 65 used to comply with 40 CFR 60, Subpart NNN were determined from an analysis of the rule text and the basis of determination.</p>
PX2 T-1102	40 CFR Part 60, Subpart NNN	65CAR-0001	<p>40 CFR 60 (NSPS) SUBPART NNN CHEMICALS = DISTILLATION UNIT PRODUCES ANY CHEMICAL LISTED IN 40 CFR § 60.667 AS A PRODUCT, CO-PRODUCT, BY-PRODUCT, OR INTERMEDIATE</p> <p>TOTAL RESOURCE EFFECTIVENESS (TRE) [NSPS NNN] = &gt; 8.0 NOT FROM HALOGENATED VENT STREAM CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS NNN] = AFTER DECEMBER 30, 1983</p> <p>TOTAL ORGANIC COMPOUNDS (TOC) REDUCTION = COMPLIANCE IS ACHIEVED THROUGH THE USE OF A FLARE OR RECOVERY DEVICE</p> <p>40 CFR 60 (NSPS) SUBPART NNN CONTROL DEVICE = FLARE</p> <p>VENT TYPE [NSPS NNN] = DISCHARGING TO A VRS</p> <p>DISTILLATION UNIT TYPE (NSPS NNN) = DOES NOT QUALIFY FOR ANY EXEMPTION IN § 60.660(C)(1)-(3)</p> <p>TOTAL DESIGN CAPACITY [NSPS NNN] = &gt; OR EQUAL TO 1 GGRAM/YR</p> <p>VENT STREAM FLOW RATE [NSPS NNN] = &gt; OR EQUAL TO 0.008 SCM/MIN</p> <p>ORGANIC MONITORING DEVICE = USING A RECOVERY DEVICE SPECIFIC MONITORING DEVICE TO DEMONSTRATE COMPLIANCE WITH THE TRE INDEX VALUE LIMIT OF § 60.662(C)</p>	<p>The citations from 40 CFR Part 65 used to comply with 40 CFR 60, Subpart NNN were determined from an analysis of the rule text and the basis of determination.</p>
PX2 T-1103	40 CFR Part 60, Subpart NNN	65CAR-0001	<p>40 CFR 60 (NSPS) SUBPART NNN CHEMICALS = DISTILLATION UNIT PRODUCES ANY CHEMICAL LISTED IN 40 CFR § 60.667 AS A PRODUCT, CO-PRODUCT, BY-PRODUCT, OR INTERMEDIATE</p>	<p>The citations from 40 CFR Part 65 used to comply</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>TOTAL RESOURCE EFFECTIVENESS (TRE) [NSPS NNN] = &gt; 8.0 NOT FROM HALOGENATED VENT STREAM  CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS NNN] = AFTER DECEMBER 30, 1983  TOTAL ORGANIC COMPOUNDS (TOC) REDUCTION = COMPLIANCE IS ACHIEVED THROUGH THE USE OF A FLARE OR RECOVERY DEVICE  40 CFR 60 (NSPS) SUBPART NNN CONTROL DEVICE = FLARE  VENT TYPE [NSPS NNN] = DISCHARGING TO A VRS  DISTILLATION UNIT TYPE (NSPS NNN) = DOES NOT QUALIFY FOR ANY EXEMPTION IN § 60.660(C)(1)-(3)  TOTAL DESIGN CAPACITY [NSPS NNN] = &gt; OR EQUAL TO 1 GGRAM/YR  VENT STREAM FLOW RATE [NSPS NNN] = &gt; OR EQUAL TO 0.008 SCM/MIN  ORGANIC MONITORING DEVICE = USING A RECOVERY DEVICE SPECIFIC MONITORING DEVICE TO DEMONSTRATE COMPLIANCE WITH THE TRE INDEX VALUE LIMIT OF § 60.662(C)</p>	<p>with40 CFR 60, Subpart NNN were determined from an analysis of the rule text and the basis of determination.</p>
PX1 R101A	40 CFR Part 60, Subpart RRR	65CAR-0002	<p>CHEMICALS LISTED IN §60.707 = AFFECTED FACILITY IS PART OF A PROCESS UNIT THAT PRODUCES ANY CHEMICALS LISTED IN 40 CFR § 60.707 AS A PRODUCT, CO-PRODUCT, BY PRODUCT, OR INTERMEDIATE  CONSTRUCTION/MODIFICATION DATE = AFTER JUNE 29, 1990  AFFECTED FACILITY TYPE = REACTOR PROCESS NOT DISCHARGING ITS VENT STREAM INTO A RECOVERY SYSTEM  SUBJECT TO TITLE 40 CFR PART 60 SUBPART DDD = NO  SUBJECT TO TITLE 40 CFR PART 60 SUBPART NNN = NO  TRE INDEX VALUE = TRE INDEX VALUE IS GREATER THAN 8.0  TRE FOR HALOGENATED VENT STREAM = NO</p>	<p>The citations from 40 CFR Part 65 used to comply with40 CFR 60, Subpart RRR were determined from an analysis of the rule text and the basis of determination.</p>
PX1 R101B	40 CFR Part 60, Subpart RRR	65CAR-0002	<p>CHEMICALS LISTED IN §60.707 = AFFECTED FACILITY IS PART OF A PROCESS UNIT THAT PRODUCES ANY CHEMICALS LISTED IN 40 CFR § 60.707 AS A PRODUCT, CO-PRODUCT, BY PRODUCT, OR INTERMEDIATE  CONSTRUCTION/MODIFICATION DATE = AFTER JUNE 29, 1990  AFFECTED FACILITY TYPE = REACTOR PROCESS NOT DISCHARGING ITS VENT STREAM INTO A RECOVERY SYSTEM  SUBJECT TO TITLE 40 CFR PART 60 SUBPART DDD = NO  SUBJECT TO TITLE 40 CFR PART 60 SUBPART NNN = NO  TRE INDEX VALUE = TRE INDEX VALUE IS GREATER THAN 8.0  TRE FOR HALOGENATED VENT STREAM = NO</p>	<p>The citations from 40 CFR Part 65 used to comply with40 CFR 60, Subpart RRR were determined from an analysis of the rule text and the basis of determination.</p>
PX1 R501	40 CFR Part 60, Subpart RRR	65CAR-0002	<p>CHEMICALS LISTED IN §60.707 = AFFECTED FACILITY IS PART OF A PROCESS UNIT THAT PRODUCES ANY CHEMICALS LISTED IN 40 CFR § 60.707 AS A PRODUCT, CO-PRODUCT, BY PRODUCT, OR INTERMEDIATE  CONSTRUCTION/MODIFICATION DATE = AFTER JUNE 29, 1990  AFFECTED FACILITY TYPE = REACTOR PROCESS NOT DISCHARGING ITS VENT STREAM INTO A RECOVERY SYSTEM  SUBJECT TO TITLE 40 CFR PART 60 SUBPART DDD = NO  SUBJECT TO TITLE 40 CFR PART 60 SUBPART NNN = NO  TRE INDEX VALUE = TRE INDEX VALUE IS GREATER THAN 8.0  TRE FOR HALOGENATED VENT STREAM = NO</p>	<p>The citations from 40 CFR Part 65 used to comply with40 CFR 60, Subpart RRR were determined from an analysis of the rule text and the basis of determination.</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
PX2 R1101A	40 CFR Part 60, Subpart RRR	65CAR-0002	<p>CHEMICALS LISTED IN §60.707 = AFFECTED FACILITY IS PART OF A PROCESS UNIT THAT PRODUCES ANY CHEMICALS LISTED IN 40 CFR § 60.707 AS A PRODUCT, CO-PRODUCT, BY PRODUCT, OR INTERMEDIATE</p> <p>CONSTRUCTION/MODIFICATION DATE = AFTER JUNE 29, 1990</p> <p>AFFECTED FACILITY TYPE = REACTOR PROCESS NOT DISCHARGING ITS VENT STREAM INTO A RECOVERY SYSTEM</p> <p>SUBJECT TO TITLE 40 CFR PART 60 SUBPART DDD = NO</p> <p>SUBJECT TO TITLE 40 CFR PART 60 SUBPART NNN = NO</p> <p>TRE INDEX VALUE = TRE INDEX VALUE IS GREATER THAN 8.0</p> <p>TRE FOR HALOGENATED VENT STREAM = NO</p>	The citations from 40 CFR Part 65 used to comply with 40 CFR 60, Subpart RRR were determined from an analysis of the rule text and the basis of determination.
PX2 R1101B	40 CFR Part 60, Subpart RRR	65CAR-0002	<p>CHEMICALS LISTED IN §60.707 = AFFECTED FACILITY IS PART OF A PROCESS UNIT THAT PRODUCES ANY CHEMICALS LISTED IN 40 CFR § 60.707 AS A PRODUCT, CO-PRODUCT, BY PRODUCT, OR INTERMEDIATE</p> <p>CONSTRUCTION/MODIFICATION DATE = AFTER JUNE 29, 1990</p> <p>AFFECTED FACILITY TYPE = REACTOR PROCESS NOT DISCHARGING ITS VENT STREAM INTO A RECOVERY SYSTEM</p> <p>SUBJECT TO TITLE 40 CFR PART 60 SUBPART DDD = NO</p> <p>SUBJECT TO TITLE 40 CFR PART 60 SUBPART NNN = NO</p> <p>TRE INDEX VALUE = TRE INDEX VALUE IS GREATER THAN 8.0</p> <p>TRE FOR HALOGENATED VENT STREAM = NO</p>	The citations from 40 CFR Part 65 used to comply with 40 CFR 60, Subpart RRR were determined from an analysis of the rule text and the basis of determination.
PRO-MX2	40 CFR Part 63, Subpart F	63F-0011	<p>Applicable Chemicals = THE CHEMICAL MANUFACTURING PROCESS UNIT MANUFACTURES, AS A PRIMARY PRODUCT, ONE OR MORE OF THE CHEMICALS LISTED IN 40 CFR § 63.100(B)(1)(I) OR 40 CFR § 63.100(B)(1)(II)</p> <p>Intervening Cooling Fluid = THERE IS NOT AN INTERVENING COOLING FLUID (CONTAINING LESS THAN 5 PERCENT BY WEIGHT OF TOTAL HAPS LISTED IN TABLE 4 OF 40 CFR PART 63, SUBPART F) BETWEEN THE PROCESS AND COOLING WATER</p> <p>Table 2 HAP = THE CHEMICAL MANUFACTURING PROCESS UNIT USES AS A REACTANT OR MANUFACTURES, AS A PRODUCT OR CO-PRODUCT, ONE OR MORE OF THE ORGANIC HAZARDOUS AIR POLLUTANTS (HAPS) IN TABLE 2</p> <p>Table 4 HAP Content = A RECIRCULATING HEAT EXCHANGE SYSTEM IS NOT USED TO COOL PROCESS FLUIDS THAT CONTAIN LESS THAN 5 PERCENT BY WEIGHT OF TOTAL HAPS LISTED IN TABLE 4 OF TITLE 40 CFR PART 63, SUBPART F</p> <p>Alternate Means of Emission Limitation = AN ALTERNATIVE MEANS OF EMISSION LIMITATION IS NOT USED TO ACHIEVE A REDUCTION IN ORGANIC HAP EMISSION</p> <p>NPDES Permit = HEAT EXCHANGE SYSTEM IS NOT SUBJECT TO A NPDES PERMIT WITH ALLOWABLE DISCHARGE LIMIT</p> <p>Meets 40 CFR 63.104(a)(4)(i)-(iv) = HEAT EXCHANGER NOT REQUIRED TO MEET THIS CITATION</p> <p>Heat Exchange System = A HEAT EXCHANGE SYSTEM IS USED</p> <p>Table 9 HAP Content = ONCE-THROUGH HEAT EXCHANGE SYSTEM IS NOT USED TO COOL PROCESS FLUIDS THAT CONTAIN LESS THAN 5 PERCENT BY WEIGHT OF TOTAL HAPS LISTED IN TABLE 9 OF 40 CFR PART 63, SUBPART G</p> <p>Cooling Water Monitored = COOLING WATER IS NOT BEING MONITORED FOR THE PRESENCE OF ONE OR MORE HAPS OR OTHER REPRESENTATIVE SUBSTANCES WHOSE PRESENCE IN COOLING WATER INDICATES A LEAK</p> <p>Cooling Water Pressure = THE HEAT EXCHANGE SYSTEM IS NOT OPERATED WITH THE MINIMUM PRESSURE</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			ON THE COOLING WATER SIDE AT LEAST 35 KILOPASCALS GREATER THAN THE MAXIMUM PRESSURE ON THE PROCESS SIDE	
PRO-PX1	40 CFR Part 63, Subpart F	63F-0004	<p>Applicable Chemicals = THE CHEMICAL MANUFACTURING PROCESS UNIT MANUFACTURES, AS A PRIMARY PRODUCT, ONE OR MORE OF THE CHEMICALS LISTED IN 40 CFR § 63.100(B)(1)(I) OR 40 CFR § 63.100(B)(1)(II)</p> <p>Table 2 HAP = THE CHEMICAL MANUFACTURING PROCESS UNIT USES AS A REACTANT OR MANUFACTURES, AS A PRODUCT OR CO-PRODUCT, ONE OR MORE OF THE ORGANIC HAZARDOUS AIR POLLUTANTS (HAPS) IN TABLE 2</p> <p>Alternate Means of Emission Limitation = AN ALTERNATIVE MEANS OF EMISSION LIMITATION IS NOT USED TO ACHIEVE A REDUCTION IN ORGANIC HAP EMISSION</p> <p>Heat Exchange System = A HEAT EXCHANGE SYSTEM IS USED</p> <p>Cooling Water Pressure = THE HEAT EXCHANGE SYSTEM IS OPERATED WITH THE MINIMUM PRESSURE ON THE COOLING WATER SIDE AT LEAST 35 KILOPASCALS GREATER THAN THE MAXIMUM PRESSURE ON THE PROCESS SIDE</p>	
PRO-PX2	40 CFR Part 63, Subpart F	63F-0004	<p>Applicable Chemicals = THE CHEMICAL MANUFACTURING PROCESS UNIT MANUFACTURES, AS A PRIMARY PRODUCT, ONE OR MORE OF THE CHEMICALS LISTED IN 40 CFR § 63.100(B)(1)(I) OR 40 CFR § 63.100(B)(1)(II)</p> <p>Table 2 HAP = THE CHEMICAL MANUFACTURING PROCESS UNIT USES AS A REACTANT OR MANUFACTURES, AS A PRODUCT OR CO-PRODUCT, ONE OR MORE OF THE ORGANIC HAZARDOUS AIR POLLUTANTS (HAPS) IN TABLE 2</p> <p>Alternate Means of Emission Limitation = AN ALTERNATIVE MEANS OF EMISSION LIMITATION IS NOT USED TO ACHIEVE A REDUCTION IN ORGANIC HAP EMISSION</p> <p>Heat Exchange System = A HEAT EXCHANGE SYSTEM IS USED</p> <p>Cooling Water Pressure = THE HEAT EXCHANGE SYSTEM IS OPERATED WITH THE MINIMUM PRESSURE ON THE COOLING WATER SIDE AT LEAST 35 KILOPASCALS GREATER THAN THE MAXIMUM PRESSURE ON THE PROCESS SIDE</p>	
PRO-PX3	40 CFR Part 63, Subpart F	63F-0004	<p>Applicable Chemicals = THE CHEMICAL MANUFACTURING PROCESS UNIT MANUFACTURES, AS A PRIMARY PRODUCT, ONE OR MORE OF THE CHEMICALS LISTED IN 40 CFR § 63.100(B)(1)(I) OR 40 CFR § 63.100(B)(1)(II)</p> <p>Table 2 HAP = THE CHEMICAL MANUFACTURING PROCESS UNIT USES AS A REACTANT OR MANUFACTURES, AS A PRODUCT OR CO-PRODUCT, ONE OR MORE OF THE ORGANIC HAZARDOUS AIR POLLUTANTS (HAPS) IN TABLE 2</p> <p>Alternate Means of Emission Limitation = AN ALTERNATIVE MEANS OF EMISSION LIMITATION IS NOT USED TO ACHIEVE A REDUCTION IN ORGANIC HAP EMISSION</p> <p>Heat Exchange System = A HEAT EXCHANGE SYSTEM IS USED</p> <p>Cooling Water Pressure = THE HEAT EXCHANGE SYSTEM IS OPERATED WITH THE MINIMUM PRESSURE ON THE COOLING WATER SIDE AT LEAST 35 KILOPASCALS GREATER THAN THE MAXIMUM PRESSURE ON THE PROCESS SIDE</p>	

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

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

## NSR Versus Title V FOP

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

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

NSR Permit	Federal Operating Permit(FOP)
Issued Prior to new Construction or modification of an existing facility	For initial permit with application shield, can be issued after operation commences; significant revisions require approval prior to operation.
Authorizes air emissions	Codifies existing applicable requirements, does not authorize new emissions
Ensures issued permits are protective of the environment and human health by conducting a health effects review and that requirement for best available control technology (BACT) is implemented.	Applicable requirements listed in permit are used by the inspectors to ensure proper operation of the site as authorized. Ensures that adequate monitoring is in place to allow compliance determination with the FOP.
Up to two Public notices may be required. Opportunity for public comment and contested case hearings for some authorizations.	One public notice required. Opportunity for public comments. No contested case hearings.
Applies to all point source emissions in the state.	Applies to all major sources and some non-major sources identified by the EPA.
Applies to facilities: a portion of site or individual emission sources	One or multiple FOPs cover the entire site (consists of multiple facilities)
Permits include terms and conditions under which the applicant must construct and operate its various equipment and processes on a facility basis.	Permits include terms and conditions that specify the general operational requirements of the site; and 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](http://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](http://www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html)

<b>Prevention of Significant Deterioration (PSD) Permits</b>	
PSD Permit No.: PSDTX782	Issuance Date: 11/13/2013
<b>Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.</b>	
Authorization No.: 1176	Issuance Date: 11/13/2013
Authorization No.: 2244	Issuance Date: 11/19/2007
Authorization No.: 31936	Issuance Date: 11/30/2007
Authorization No.: 47273	Issuance Date: 10/02/2012
Authorization No.: 96232	Issuance Date: 08/01/2011
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.231	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.373	Version No./Date: 03/14/1997
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.453	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000

Number: 106.473	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 03/14/1997
Number: 106.532	Version No./Date: 09/04/2000
Number: 14	Version No./Date: 11/05/1986
Number: 61	Version No./Date: 07/20/1992

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

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

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

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

### **Monitoring Sufficiency**

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

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

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

### 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:

<b>Unit/Group/Process Information</b>	
ID No.: MX2-H101	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-0110
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(A)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: Any visible emission observed during the quarterly observation is reported as deviation.	
<p>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.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: PX1-H101	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-0110
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(A)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: Any visible emission observed during the quarterly observation is reported as deviation.	
<p>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.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: PX1-H103	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-0110
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(A)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: once per quarter	
Averaging Period: n/a	
Deviation Limit: Any visible emission observed during the quarterly observation is reported as deviation.	
<p>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.</p>	

**Compliance History Review**

- 1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on 04/25/2014.
- 2. The compliance history review evaluated the period from 11/14/2008 to 11/14/2013.  
 Site rating: 4.17      Company rating: 7.34  
 (*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 Semicheical Pulp Mill Attributes
- OP-UA31 - Lead Smelting Attributes
- OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes
- OP-UA33 - Metallic Mineral Processing Plant Attributes
- OP-UA34 - Pharmaceutical Manufacturing
- OP-UA35 - Incinerator Attributes
- OP-UA36 - Steel Plant Unit Attributes
- OP-UA37 - Basic Oxygen Process Furnace Unit Attributes
- OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes
- OP-UA39 - Sterilization Source Attributes

OP-UA40 - Ferroalloy Production Facility Attributes  
OP-UA41 - Dry Cleaning Facility Attributes  
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes  
OP-UA43 - Sulfuric Acid Production Attributes  
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes  
OP-UA45 - Surface Impoundment Attributes  
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes  
OP-UA47 - Ship Building and Ship Repair Unit Attributes  
OP-UA48 - Air Oxidation Unit Process Attributes  
OP-UA49 - Vacuum-Producing System Attributes  
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes  
OP-UA51 - Dryer/Kiln/Oven Attributes  
OP-UA52 - Closed Vent Systems and Control Devices  
OP-UA53 - Beryllium Processing Attributes  
OP-UA54 - Mercury Chlor-Alkali Cell Attributes  
OP-UA55 - Transfer System Attributes  
OP-UA56 - Vinyl Chloride Process Attributes  
OP-UA57 - Cleaning/Depainting Operation Attributes  
OP-UA58 - Treatment Process Attributes  
OP-UA59 - Coke By-Product Recovery Plant Attributes  
OP-UA60 - Chemical Manufacturing Process Unit Attributes  
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes  
OP-UA62 - Glycol Dehydration Unit Attributes  
OP-UA63 - Vegetable Oil Production Attributes