

# Statement of Basis of the Federal Operating Permit

The Dow Chemical Company

Site Name: Dow Texas Operations Freeport  
Area Name: Specialty Chemicals 2  
Physical Location: 2301 N Brazosport Blvd Bldg B-101  
Nearest City: Freeport  
County: Brazoria

Permit Number: O2221  
Project Type: Minor Revision

The North American Industry Classification System (NAICS) Code: 325199  
NAICS Name: All Other Basic Organic Chemical Manufacturing

This Statement of Basis sets forth the legal and factual basis for the draft changes to the permit conditions resulting from the minor revision project in accordance with 30 TAC §122.201(a)(4). The applicant has submitted an application for a minor permit revision per §§ 122.215-217. This document may include the following information:

- A description of the facility/area process description;
- A description of the revision project;
- 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: March 29, 2024

# Operating Permit Basis of Determination

## Description of Revisions

The following changes were made in this revision project:

- 40 CFR Part 63, Subpart DD requirements were removed.
- Process unit PROIPG was added to Special Term and Condition 10 for Group 2 wastewater requirements under 40 CFR Part 63, Subpart PPP.
- Special Term and Condition 17 was updated with new language including a reference to the latest submittal date and project number for the PBR Supplemental Tables.
- Special Term and Condition 26 was added for alternative requirements. The Alternative Requirement attachment was added with the approval letter for Alternative Method of Compliance (AMOC) No. 226. The AMOC, approved by TCEQ, adjusts the reporting period for units subject to 40 CFR Part 63, Subpart PPP to synchronize the dates with the reporting period for 40 CFR Part 63, Subpart H.
- Units B13PGR3 and B13PGR6 were removed.
- 30 TAC Chapter 115, Batch Processes requirements were added for existing units B13PGR1, B13PGR2, B13PGR5, and B13PGR9.
- New unit B13PGST205 was added with 30 TAC Chapter 115, Vent Gas Controls requirements.
- 40 CFR Part 63, Subpart FFFF:
  - Requirements were updated to replace general language with detailed citations for units B13PGFU1, B39GMFU1, B39GMFU2, and B39GMFU3.
  - Requirements were updated for units B13PGHE60, B13PGSV2, B39GMVH290, PROGMA, and PROPGA.
- 40 CFR Part 63, Subpart H requirements were updated for B39GMFU1, B39GMFU2, and B39GMFU3.
- 40 CFR Part 63, Subpart PPP:
  - Requirements were updated to replaced general language with detailed citations for units B13PGFU1 and B43IPFU1.
  - Requirements were updated for units B13PGHE102, B13PGR2, B13PGR5, B13PGR9, and B43IPRX1.
  - A reference to the Alternative Requirement attachment was added to the Applicable Requirements Summary rows for all seven of the units with updated requirements for this rule.
- Preconstruction authorizations were updated:
  - Permits by rule (PBRs) were added and removed for multiple units.
  - PBR registration numbers were added for multiple units.
  - As a result, 106.261/09/04/2000 and 106.262/09/04/2000 are no longer in use in the permit area. 106.373/09/04/2000 is newly added to the permit area.

## Permit Area Process Description

Industrial Polyglycol – is made up of one 10,000 gallon reactor and other associated equipment where all the reactions occur. In addition, the plant includes two 10,000 gallon filter feed tanks, the spray chiller, a storage tank farm, and distribution facilities for such functions as drumming, bagging and loading. The process starts with an initiator containing an oxide in the presence of a catalyst and heat to produce a higher molecular weight polymer with physical properties desirable to the customer's specifications.

Polyglycol 1 – consists of seven kettle reactors ranging in size from 2,000 to 10,000 gallons, finishing systems, and storage tank farms. The process starts by charging a kettle with an initiator and a catalyst. The kettle is heated and fed a specific amount of oxide determined by the recipe of the product. As the oxide reacts down, the crude polyglycol is neutralized without removing the catalyst. The product is further filtered to remove remaining water and unreacted oxide. An eighth kettle is used to blend a base stock ester with antioxidants and corrosion inhibitors to produce three different compressor lubricants.

Aminoethylethanolamine (AEEA) – Ethylene oxide (EO) and excess ethylenediamine (EDA) are reacted to form AEEA. The reactor outlet stream passes through a soaker to act as a digestion stage to complete the oxide reaction. Water and excess EDA are removed through a stripping tray column and recycled to the EDA feed tank. Water with trace amounts of EDA is treated and analyzed at the Wastewater Treatment Plant. The bottoms stream proceeds to a specified tower to separate the AEEA from heavier byproducts. The AEEA stream is condensed and stored for loading.

Methyldiethanolamine (MDEA) – EO is reacted with an excess of methyl amine (MA) to produce a mixture of monomethylethanolamine (MMEA) and MDEA. A small stream of carbon dioxide is charged to the MA feed tank to prevent formation of MDEA ethers in the reactor. The first separation packed tower removes excess MA from the reactor products. The bottom stream separates MMEA to send it back to the feed tanks. The MDEA product is condensed and transferred to the finish storage tank.

**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: O2203, O2211, O2213, O2216, O2219, O2220, O2697, O3777, O3905, O3949, O4393

**Major Source Pollutants**

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

Major Pollutants	VOC, SO2, PM, NOX, HAPS, CO
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**Reading State of Texas’s Federal Operating Permit**

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

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

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

## General Terms and Conditions

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

## Special Terms and Conditions

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

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

## Attachments

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

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

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

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

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

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

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

Appendix A

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

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

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

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

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

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

**Federal Regulatory Applicability Determinations**

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

Regulatory Program	Applicability (Yes/No)
Prevention of Significant Deterioration (PSD)	No
Nonattainment New Source Review (NNSR)	No
Minor NSR	Yes
40 CFR Part 60 - New Source Performance Standards	Yes

Regulatory Program	Applicability (Yes/No)
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)	No
40 CFR Part 63 - NESHAPs for Source Categories	Yes
Title IV (Acid Rain) of the Clean Air Act (CAA)	No
Title V (Federal Operating Permits) of the CAA	Yes
Title VI (Stratospheric Ozone Protection) of the CAA	Yes
CSAPR (Cross-State Air Pollution Rule)	No
Federal Implementation Plan for Regional Haze (Texas SO <sub>2</sub> Trading Program)	No

### Basis for Applying Permit Shields

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

### Insignificant Activities and Emission Units

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

#### De Minimis Sources

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

#### Miscellaneous Sources

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

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

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

15. Sources authorized by §106.102: Combustion units designed and used exclusively for comfort heating purposes employing liquid petroleum gas, natural gas, solid wood, or distillate fuel oil.
16. Sources authorized by §106.122: Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
17. Sources authorized by §106.141: Batch mixers with rated capacity of 27 cubic feet or less for mixing cement, sand, aggregate, lime, gypsum, additives, and/or water to produce concrete, grout, stucco, mortar, or other similar products.
18. Sources authorized by §106.143: Wet sand and gravel production facilities that obtain material from subterranean and subaqueous beds where the deposits of sand and gravel are consolidated granular materials resulting from natural disintegration of rock and stone and have a production rate of 500 tons per hour or less.
19. Sources authorized by §106.148: Railcar or truck unloading of wet sand, gravel, aggregate, coal, lignite, and scrap iron or scrap steel (but not including metal ores, metal oxides, battery parts, or fine dry materials) into trucks or other railcars for transportation to other locations.
20. Sources authorized by §106.149: Sand and gravel production facilities that obtain material from deposits of sand and gravel consisting of natural disintegration of rock and stone, provided that crushing or breaking operations are not used and no blasting is conducted to obtain the material.
21. Sources authorized by §106.161: Animal feeding operations which confine animals in numbers specified and any associated on-site feed handling and/or feed millings operations, not including caged laying and caged pullet operations.
22. Sources authorized by §106.162: Livestock auction sales facilities.
23. Sources authorized by §106.163: All animal racing facilities, domestic animal shelters, zoos, and their associated confinement areas, stables, feeding areas, and waste collection and treatment facilities, other than incineration units.
24. Sources authorized by §106.229: Equipment used exclusively for the dyeing or stripping of textiles.
25. Sources authorized by §106.241: Any facility where animals or poultry are slaughtered and prepared for human consumption provided that waste products such as blood, offal, and feathers are stored in such a manner as to prevent the creation of a nuisance condition and these waste products are removed from the premises daily or stored under refrigeration.
26. Sources authorized by §106.242: Equipment used in eating establishments for the purpose of preparing food for human consumption.
27. Sources authorized by §106.243: Smokehouses in which the maximum horizontal inside cross-sectional area does not exceed 100 square feet.
28. Sources authorized by §106.244: Ovens, mixers, blenders, barbecue pits, and cookers if the products are edible and intended for human consumption.
29. Sources authorized by §106.266: Vacuum cleaning systems used exclusively for industrial, commercial, or residential housekeeping purposes.
30. Sources authorized by §106.301: Aqueous fertilizer storage tanks.
31. Sources authorized by §106.313: All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
32. Sources authorized by §106.316: Equipment used for inspection of metal products.
33. Sources authorized by §106.317: Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
34. Sources authorized by §106.318: Die casting machines.
35. Sources authorized by §106.319: Foundry sand mold forming equipment to which no heat is applied.
36. Sources authorized by §106.331: Equipment used exclusively to package pharmaceuticals and cosmetics or to coat pharmaceutical tablets.
37. Sources authorized by §106.333: Equipment used exclusively for the mixing and blending of materials at ambient temperature to make water-based adhesives.

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

### **Determination of Applicable Requirements**

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to which the permit holder must comply. For more information about the descriptions of the unit attributes specific Unit Attribute Forms may be viewed at [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html).

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

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

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

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

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



## Operational Flexibility

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

### Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B13PGHE10 2	40 CFR Part 63, Subpart PPP	63PPP-01	Unit Type = Emission Unit Technical Information/Unit Description = Heat exchange system subject to 40 CFR Part 63, Subpart PPP (Polyether Polypol).	The rule citations were determined from an analysis of the rule text and the basis of determination.
B13PGR2	40 CFR Part 63, Subpart PPP	63PPP-01	Unit Type = Emission Point Technical Information/Unit Description = Process vent subject to 40 CFR Part 63, Subpart PPP (Polyether Polypol).	The rule citations were determined from an analysis of the rule text and the basis of determination.
B13PGR5	40 CFR Part 63, Subpart PPP	63PPP-01	Unit Type = Emission Point Technical Information/Unit Description = Process vent subject to 40 CFR Part 63, Subpart PPP (Polyether Polypol).	The rule citations were determined from an analysis of the rule text and the basis of determination.
B13PGR9	40 CFR Part 63, Subpart PPP	63PPP-01	Unit Type = Emission Point Technical Information/Unit Description = Process vent subject to 40 CFR Part 63, Subpart PPP (Polyether Polypol).	The rule citations were determined from an analysis of the rule text and the basis of determination.
B43IPRX1	40 CFR Part 63, Subpart PPP	63PPP-01	Unit Type = Emission Point Technical Information/Unit Description = Process vent subject to 40 CFR Part 63, Subpart PPP (Polyether Polypol).	The rule citations were determined from an analysis of the rule text and the basis of determination.
B13PGST00 1	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST00 3	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST00 4	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST007	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST007	40 CFR Part 60, Subpart Kb	60Kb-01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
B13PGST01	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST16C	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST16D	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST19	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST203	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST203	40 CFR Part 60, Subpart Kb	60Kb-01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 10,600 gallons but less than 19,813 gallons (capacity is greater than 40,000 liters but less than or equal to 75,000 liters)	
B13PGST204	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST204	40 CFR Part 60, Subpart Kb	60Kb-01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 10,600 gallons but less than 19,813 gallons (capacity is greater than 40,000 liters but less than or equal to 75,000 liters)	
B13PGST21	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST21	40 CFR Part 60, Subpart Kb	60Kb-01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 10,600 gallons but less than 19,813 gallons (capacity is greater than 40,000 liters but less than or equal to 75,000 liters)	
B13PGST21 6	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST21 7	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST22	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST22 3	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST228	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST229	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST231	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST240	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST241	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST24 5	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST24 6	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST25 3	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST25 4	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B13PGST256	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST26	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST260	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST261	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST262	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p>	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST26 2	40 CFR Part 60, Subpart Kb	60Kb-01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 10,600 gallons but less than 19,813 gallons (capacity is greater than 40,000 liters but less than or equal to 75,000 liters)	
B13PGST26 5	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST26 6	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST26 8	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST26 9	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank 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**
B13PGST27	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST28	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST3	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST306	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST308	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B13PGST309	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST40	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST41	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST44	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST45	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B13PGST501	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST506	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST508	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST55	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST56	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST57	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST58	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST66 1	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST66 3	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B13PGST664	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST668	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST669	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST670	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST671	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST70 1	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST70 2	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST70 3	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST80 3	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST87 0	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST87 1	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGST90 1	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGSTT7 A	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B17PEPT35 1	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B17PEPT35 1	40 CFR Part 63, Subpart G	63G-01	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 not subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
B17PEPT35 2	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B17PEPT35 2	40 CFR Part 63, Subpart G	63G-01	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
B17PEST01 2	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B17PEST01 2	40 CFR Part 63, Subpart G	63G-01	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	
B17PEST01 5	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B17PEST01 5	40 CFR Part 63, Subpart G	63G-01	MACT Subpart F/G Applicability = The unit is a Group 2 vessel. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B17PEST01 A	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B17PEST01 A	40 CFR Part 63, Subpart G	63G-01	<p>MACT Subpart F/G Applicability = The unit is a Group 2 vessel.</p> <p>NESHAP Subpart Y Applicability = The unit is not 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>	
B17PEST36 4	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B17PEST36 4	40 CFR Part 63, Subpart G	63G-01	<p>MACT Subpart F/G Applicability = The unit is a Group 2 vessel.</p> <p>NESHAP Subpart Y Applicability = The unit is not 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>	
B17PEST36 5	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B17PEST36 5	40 CFR Part 63, Subpart G	63G-01	<p>MACT Subpart F/G Applicability = The unit is a Group 2 vessel.</p> <p>NESHAP Subpart Y Applicability = The unit is not 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>	
B17PEST37 1	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B17PEST37 1	40 CFR Part 63, Subpart G	63G-01	<p>MACT Subpart F/G Applicability = The unit is a Group 2 vessel.</p> <p>NESHAP Subpart Y Applicability = The unit is not 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>	
B17PEST37 2	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B17PEST37 2	40 CFR Part 63, Subpart G	63G-01	<p>MACT Subpart F/G Applicability = The unit is a Group 2 vessel.</p> <p>NESHAP Subpart Y Applicability = The unit is not 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>	
B17PGST01 0	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B17PGST01 0	40 CFR Part 60, Subpart Kb	60Kb-01	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	
B17PGST01 1	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B17PGST01 1	40 CFR Part 60, Subpart Kb	60Kb-01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
B17PGST01 2	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B17PGST01 2	40 CFR Part 60, Subpart Kb	60Kb-01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
B17PGST01 3	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B17PGST01 3	40 CFR Part 60, Subpart Kb	60Kb-01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
B17PGST01 4	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B17PGST01 4	40 CFR Part 60, Subpart Kb	60Kb-01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
B17PGST015	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B17PGST015	40 CFR Part 60, Subpart Kb	60Kb-01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
B17PGT201A	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B17PGT201A	40 CFR Part 60, Subpart Kb	60Kb-01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
B17PGT201B	30 TAC Chapter 115, Storage of VOCs	R5111-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B17PGT201B	40 CFR Part 60, Subpart Kb	60Kb-01	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
B39GMST264	30 TAC Chapter 115, Storage of VOCs	R5112-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B39GMST70 A	30 TAC Chapter 115, Storage of VOCs	R5112-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B39GMST70 B	30 TAC Chapter 115, Storage of VOCs	R5112-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B39GMST75 A	30 TAC Chapter 115, Storage of VOCs	R5112-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
B39GMST75 B	30 TAC Chapter 115, Storage of VOCs	R5112-01	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Tank Description = Tank 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**
B39GMST801	30 TAC Chapter 115, Storage of VOCs	R5112-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B39GMST828	30 TAC Chapter 115, Storage of VOCs	R5112-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B39GMWT257	30 TAC Chapter 115, Storage of VOCs	R5112-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B39ST285	30 TAC Chapter 115, Storage of VOCs	R5112-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST104	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B43IPST105	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST106	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST107	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST108	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST111	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p>	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST113	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST114	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST117	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST121	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST122	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST123	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST130	40 CFR Part 60, Subpart Kb	60Kb-01	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>	
B43IPST170	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B43IPST171	30 TAC Chapter 115, Storage of VOCs	R5111-01	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p>	
B13PGLR1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-01	<p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Transfer Type = Only loading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	
B13PGLR1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-02	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 greater than or equal to 0.5 psia. Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized. Control Options = Vapor balance system. Chapter 115 Control Device Type = No control device. Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.	
B13PGLR1	40 CFR Part 63, Subpart G	63G-01	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.	
B13PGLR2	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-01	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 = Loading and unloading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	
B13PGLR2	40 CFR Part 63, Subpart G	63G-01	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.	
B39GMLR1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-01	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) = Using the 90% overall control option specified in 30 TAC § 115.213(b). Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Loading and unloading.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 and less than 11.0 psia, the overall emission controls are at least 90%, and an initial control plan and annual report has been submitted.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.</p> <p>Control Options = Vapor control system that maintains a control efficiency of at least 90%.</p> <p>Chapter 115 Control Device Type = No control device.</p> <p>Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p>	
B39GMLR2	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-01	<p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure less than 0.5 psia.</p>	
B43IPLR1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-01	<p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure less than 0.5 psia.</p>	
B13PGFU1	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.	
B13PGFU1	40 CFR Part 60, Subpart VV	60VV-ALL	SOP Index No. = Owner or operator assumes fugitive unit control requirements for all components in VOC service subject to 40 CFR Part 60, Subpart VV with no alternate control or control devices.	
B13PGFU1	40 CFR Part 63, Subpart FFFF	63FFFF-ALL	Existing Source = Fugitive unit contains equipment in an existing Miscellaneous Chemical Processing Unit.	The rule citations were determined from an analysis of the rule text and the basis of determination.
B13PGFU1	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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B13PGFU1	40 CFR Part 63, Subpart PPP	63PPP-01	Construction/Reconstruction = Affected source commenced construction/reconstruction after September 4, 1997.	The rule citations were determined from an analysis of the rule text and the basis of determination.
B17PEFU01	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.	
B17PEFU01	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.	
B17PGFU2	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.	
B17PGFU2	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.	
B39GMFU1	40 CFR Part 63, Subpart FFFF	63FFFF-01	Existing Source = Fugitive unit contains equipment in an existing Miscellaneous Chemical Processing Unit.	The rule citations were determined from an analysis of the rule text and the basis of determination.
B39GMFU1	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.	<p>-- Affected Pollutant - 112(B) HAPS:</p> <p>Deleted Main Standard and Monitoring/Testing [G]§ 63.165 because fugitive unit is also subject to 40 CFR Part 63, Subpart FFFF, which requires compliance with § 63.2480(e)(1)-(2) instead of § 63.165 for pressure relief devices in gas/vapor service.</p> <p>Deleted Related Standard [G]§ 63.171 for pressure relief devices in gas/vapor service because these delay of repair provisions are connected to [G]§ 63.165 which no longer applies.</p> <p>The following citations that will still apply to pressure relief devices in gas/vapor service were removed because they have been included in the row of requirements for 40 CFR Part 63, Subpart FFFF:</p> <p>Related Standards: § 63.162(a), § 63.162(c), [G]§ 63.162(g), § 63.162(h)</p> <p>Monitoring/Testing: [G]§ 63.180(b), [G]§ 63.180(c), [G]§ 63.180(d)</p> <p>Recordkeeping § 63.181(a), [G]§ 63.181(b), § 63.181(c), [G]§ 63.181(f)</p> <p>Reporting: [G]§ 63.182(a), [G]§ 63.182(b), § 63.182(c), [G]§ 63.182(c)(1), § 63.182(c)(4), [G]§ 63.182(d)</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B39GMFU2	40 CFR Part 63, Subpart FFFF	63FFFF-01	Existing Source = Fugitive unit contains equipment in an existing Miscellaneous Chemical Processing Unit.	The rule citations were determined from an analysis of the rule text and the basis of determination.
B39GMFU2	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.	<p>-- Affected Pollutant - 112(B) HAPS:</p> <p>Deleted Main Standard and Monitoring/Testing [G]§ 63.165 because fugitive unit is also subject to 40 CFR Part 63, Subpart FFFF, which requires compliance with § 63.2480(e)(1)-(2) instead of § 63.165 for pressure relief devices in gas/vapor service.</p> <p>Deleted Related Standard [G]§ 63.171 for pressure relief devices in gas/vapor service because these delay of repair provisions are connected to [G]§ 63.165 which no longer applies.</p> <p>The following citations that will still apply to pressure relief devices in gas/vapor service were removed because they have been included in the row of requirements for 40 CFR Part 63, Subpart FFFF:</p> <p>Related Standards: § 63.162(a), § 63.162(c), [G]§ 63.162(g), § 63.162(h)</p> <p>Monitoring/Testing: [G]§ 63.180(b), [G]§ 63.180(c), [G]§ 63.180(d)</p> <p>Recordkeeping § 63.181(a), [G]§ 63.181(b), § 63.181(c), [G]§ 63.181(f)</p> <p>Reporting: [G]§ 63.182(a), [G]§ 63.182(b), § 63.182(c), [G]§ 63.182(c)(1), § 63.182(c)(4), [G]§ 63.182(d)</p>
B39GMFU3	40 CFR Part 63, Subpart FFFF	63FFFF-01	Existing Source = Fugitive unit contains equipment in an existing Miscellaneous Chemical Processing Unit.	The rule citations were determined from an analysis of the rule text and the basis of determination.
B39GMFU3	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.	<p>-- Affected Pollutant - 112(B) HAPS:</p> <p>Deleted Main Standard and Monitoring/Testing [G]§ 63.165 because fugitive unit is also subject to 40 CFR Part 63, Subpart FFFF, which requires compliance with § 63.2480(e)(1)-(2) instead of § 63.165 for pressure relief devices in gas/vapor service.</p> <p>Deleted Related Standard [G]§ 63.171 for pressure relief devices in gas/vapor service because these delay of repair provisions are connected to [G]§ 63.165 which no longer applies.</p> <p>The following citations that will still apply to pressure relief devices in gas/vapor service were removed because they have been included in the row of requirements for 40 CFR Part 63, Subpart FFFF:</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
				<p>Related Standards: § 63.162(a), § 63.162(c), [G]§ 63.162(g), § 63.162(h)</p> <p>Monitoring/Testing: [G]§ 63.180(b), [G]§ 63.180(c), [G]§ 63.180(d)</p> <p>Recordkeeping § 63.181(a), [G]§ 63.181(b), § 63.181(c), [G]§ 63.181(f)</p> <p>Reporting: [G]§ 63.182(a), [G]§ 63.182(b), § 63.182(c), [G]§ 63.182(c)(1), § 63.182(c)(4), [G]§ 63.182(d)</p>
B43IPFU1	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.	
B43IPFU1	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.	
B43IPFU1	40 CFR Part 63, Subpart PPP	63PPP-01	Construction/Reconstruction = Affected source commenced construction/reconstruction after September 4, 1997.	The rule citations were determined from an analysis of the rule text and the basis of determination.
B13PGHE60	40 CFR Part 63, Subpart FFFF	63FFFF-01	Monitoring = The cooling water is being monitored for the presence of HAPs or other representative substances that would indicate a leak.	<p>-- Affected Pollutant - 112(B) HAPS:</p> <p>The following citations were added for the monitoring and leak repair options under § 63.2490(d):</p> <p>Main Standard § 63.2490(a)-Table 10.b</p> <p>Related Standards § 63.2445(g), § 63.2445(g)(1), § 63.2450(a)(2)</p> <p>Monitoring/Testing: [G]§ 63.2490(d)</p> <p>Recordkeeping: § 63.2445(g)(7)</p> <p>Reporting: § 63.2445(g)(7), § 63.2515(d), § 63.2520(e)(5)(i), § 63.2520(e)(5)(ii)(D)</p> <p>The following citations were removed because they no longer apply when the provisions of § 63.2490(d) are used:</p> <p>Main Standard § 63.2490(a)-Table10</p> <p>Related Standards: § 63.104(a), [G]§ 63.104(d), § 63.104(e), § 63.104(e)(1), [G]§ 63.104(e)(2), § 63.2490(a), § 63.2490(b), § 63.2490(c)</p> <p>Monitoring/Testing: [G]§ 63.104(b)</p> <p>Recordkeeping: [G]§ 63.104(e)(2), [G]§ 63.104(f)(1)</p> <p>Reporting: [G]§ 63.104(f)(2)</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B39GMSP215	30 TAC Chapter 115, Water Separation	R5131-01	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = 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.	
B39GMSP220	30 TAC Chapter 115, Water Separation	R5131-01	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = 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.	
B39GMSP226	30 TAC Chapter 115, Water Separation	R5131-01	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = 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.	
B39GMSP228	30 TAC Chapter 115, Water Separation	R5131-01	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = 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.	
B39SP245	30 TAC Chapter 115, Water Separation	R5131-01	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = 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.	
B39SP265	30 TAC Chapter 115, Water Separation	R5131-01	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = 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.	
B13PGD530	30 TAC Chapter 115, Vent Gas Controls	R5121-01	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).</p>	
B13PGD530	30 TAC Chapter 115, Vent Gas Controls	R5121-02	<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>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).</p>	
B13PGD530	30 TAC Chapter 115, Vent Gas Controls	R5121-03	<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>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).</p>	
B13PGD530	40 CFR Part 63, Subpart FFFF	63FFFF-01	<p>Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i.</p> <p>Designated Grp1 = The emission stream is designated as Group 1.</p> <p>Small Device = A small control device (defined in § 63.2550) is not being used.</p> <p>Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>CEMS = A CEMS is not used.</p> <p>SS Device Type = Boiler or process heater with a design heat input capacity of less than 44 MW and the vent stream is not introduced as or with the primary fuel.</p> <p>Meets 63.988(b)(2) = The control device meets criteria in § 63.985(b)(2).</p> <p>Designated Hal = The emission stream is not designated as halogenated.</p> <p>Determined Hal = The emission stream is determined to be non-halogenated.</p> <p>Hal Device Type = No halogen scrubber or other halogen reduction device is used.</p> <p>Prior Eval = The data from a prior evaluation or assessment is not used.</p> <p>Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested.</p> <p>Formaldehyde = The stream does not contain formaldehyde.</p> <p>Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure.</p> <p>Bypass Line = No bypass lines.</p>	
B13PGD631	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p>	
B13PGD660	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p>	
B13PGPT34	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGPT60 1	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGRX1	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
B13PGS955	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGST01	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGST2	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B13PGST20 1	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGST20 2	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGST20 5	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B13PGST22 2	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGST22 4	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGST22 5	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B13PGST22 6	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGST22 7	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGST24 2	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B13PGST24 3	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGST24 4	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGST60 7	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B13PGST66 2	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGST67	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGST85 0	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>	
B13PGSV2	40 CFR Part 63, Subpart FFFF	63FFFF-01	Emission Standard = The vent stream is Group 2 (not designated as Group 1 and determined to not be Group 1).	-- Affected Pollutant - 112(B) HAPS:

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Recovery Device = The TRE index is maintained using a recovery device.</p> <p>Existing Source = The source is an existing source (commenced construction on or before April 4, 2002).</p> <p>TRE Index Threshold = The TRE index is greater than the applicable threshold (i.e., 5.0 for existing source or 8.0 for new source).</p>	<p>Reporting § 63.2520(e)(5)(i) was added to clarify what to include in the compliance report if there were no deviations.</p> <p>The following citations were added since they are new or revised in the August 12, 2020 rule amendment that is not yet included in the DSS:</p> <p>Related Standards § 63.2445(g), § 63.2445(g)(1), and § 63.2445(g)(2) clarify the compliance date and list the new general and process vent requirements.</p> <p>Related Standard § 63.2450(a)(2) is a general requirement that clarifies emission limits and work practice standards apply at all time.</p> <p>Recordkeeping and Reporting § 63.2445(g)(7) lists notification, recordkeeping, and reporting citations that have new requirements or specify older requirements no longer apply.</p> <p>Reporting § 63.2515(d) addresses new supplemental information for the Notification of Compliance Status.</p> <p>Reporting § 63.2520(e)(5)(ii)(D) specifies what to include in the compliance report for deviations.</p>
B13PGVJ3	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).</p>	
B13PGVJ3	30 TAC Chapter 115, Vent Gas Controls	R5121-02	<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>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).</p>	
B13PGVJ3	30 TAC Chapter 115, Vent Gas Controls	R5121-03	<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>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).</p>	
B13SCPOLY	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p>	
B17SV384	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10.</p> <p>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p> <p>Total Design Capacity = Total design capacity is greater than or equal to 1,100 tons per year for all chemicals produced within that unit.</p> <p>Flow Rate or VOC Concentration = Flow rate is greater than or equal to 0.011 scm/min or the VOC concentration is greater than or equal to 500 ppmv.</p> <p>40 CFR 60 Subpart NNN Requirements = The distillation unit vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart NNN: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.</p> <p>40 CFR 60 Subpart RRR Requirements = The reactor process vent gas stream satisfies neither of the following requirements of 40 CFR Part 60, Subpart RRR: TRE index value is greater than 8.0; or TRE index value is greater than 1.0 without the use of VOC emission control devices.</p>	
B17SV384	40 CFR Part 63, Subpart G	63G-01	<p>Overlap = Title 40 CFR Part 63, Subpart G only</p> <p>Group 1 = The process vent is a Group 2 process vent.</p> <p>HAP Concentration = HAP concentration is greater than or equal to 50 ppm.</p> <p>Flow Rate = Flow rate is greater than or equal to 0.005 scm/min or the owner or operator is not electing to demonstrate this flow rate.</p> <p>Electing Control = Not electing to control the process vent to the levels required in 40 CFR § 63.113(a)(1) or (a)(2).</p> <p>MACT TRE Index Value = TRE index value is greater than 1.0 and less than or equal to 4.0 as calculated using the procedures of 40 CFR § 63.115(d).</p> <p>Control Device = Absorber used as a recovery device.</p> <p>Halogenated = Vent stream is not halogenated.</p> <p>Performance Test = No previous performance test was conducted.</p> <p>Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.</p> <p>Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR §§ 63.114, 63.117, and 63.118.</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>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
B39GMVH290	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p>	
B39GMVH290	40 CFR Part 63, Subpart FFFF	63FFFF-01	<p>Emission Standard = The vent stream is Group 2 (not designated as Group 1 and determined to not be Group 1).</p> <p>Recovery Device = The TRE index is maintained using a recovery device.</p> <p>Existing Source = The source is an existing source (commenced construction on or before April 4, 2002).</p> <p>TRE Index Threshold = The TRE index is greater than the applicable threshold (i.e., 5.0 for existing source or 8.0 for new source).</p>	<p>-- Affected Pollutant - 112(B) HAPS:</p> <p>Reporting § 63.2520(e)(5)(i) was added to clarify what to include in the compliance report if there were no deviations.</p> <p>The following citations were added since they are new or revised in the August 12, 2020 rule amendment that is not yet included in the DSS:</p> <p>Related Standards § 63.2445(g), § 63.2445(g)(1), and § 63.2445(g)(2) clarify the compliance date and list the new general and process vent requirements.</p> <p>Related Standard § 63.2450(a)(2) is a general requirement that clarifies emission limits and work practice standards apply at all time.</p> <p>Recordkeeping and Reporting § 63.2445(g)(7) lists notification, recordkeeping, and reporting citations that have new requirements or specify older requirements no longer apply.</p> <p>Reporting § 63.2515(d) addresses new supplemental information for the Notification of Compliance Status.</p> <p>Reporting § 63.2520(e)(5)(ii)(D) specifies what to include in the compliance report for deviations.</p> <p>Reporting [G]§ 63.2520(h) and G]§ 63.2520(i) discuss circumstances that may prevent submitting electronic reports to EPA on time, as well as what items to provide to EPA to document a late submittal or request an extension.</p>
B39PT290	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>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>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p>	
B39RX210	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p>	
B43IPD141	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p>	
B43IPR101A	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p>	
B43IPR101B	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p>	
B43IPRX1	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p>	
B43IPV132	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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>VOC Concentration or Emission Rate at Maximum Operating Conditions = Either the VOC concentration or emission rate is greater than the applicable exemption limit at</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>maximum actual operating conditions or the alternate recordkeeping requirements of 30 TAC § 115.126(4) are not being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p>	
B43V132A	30 TAC Chapter 115, Vent Gas Controls	R5121-01	<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 or Emission Rate at Maximum Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p> <p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Other vapor control/recovery system, as defined in 30 TAC § 115.10</p>	
PROGMA	30 TAC Chapter 115, Subchapter E, Division 6	R5460-01	Exemptions = The operation, process, or equipment is one which is specified in 115.461(d)(1)-(17).	
PROIPG	30 TAC Chapter 115, Subchapter E, Division 6	R5460-01	<p>Exemptions = No exemption is being met.</p> <p>Alternate Control Requirement = Alternate control not used.</p> <p>Compliance Demonstration = Limiting VOC content of the cleaning solution to 0.42 lb VOC/gal of solution, as applied.</p> <p>Minor Modification = Using the methods in §115.468(a)(1)-(3).</p>	
PROIPG	30 TAC Chapter 115, Subchapter E, Division 6	R5460-02	<p>Exemptions = No exemption is being met.</p> <p>Alternate Control Requirement = Alternate control not used.</p> <p>Compliance Demonstration = Limiting the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit).</p> <p>Minor Modification = Using the methods in §115.468(a)(1)-(3).</p>	
PROPGA	30 TAC Chapter 115, Subchapter E, Division 6	R5460-01	<p>Exemptions = No exemption is being met.</p> <p>Alternate Control Requirement = Alternate control not used.</p>	



Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Compliance Demonstration = Limiting VOC content of the cleaning solution to 0.42 lb VOC/gal of solution, as applied. Minor Modification = Using the methods in §115.468(a)(1)-(3).	
PROPGA	30 TAC Chapter 115, Subchapter E, Division 6	R5460-02	Exemptions = No exemption is being met. Alternate Control Requirement = Alternate control not used. Compliance Demonstration = Limiting the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit). Minor Modification = Using the methods in §115.468(a)(1)-(3).	
PROPGE	30 TAC Chapter 115, Subchapter E, Division 6	R5460-01	Exemptions = No exemption is being met. Alternate Control Requirement = Alternate control not used. Compliance Demonstration = Limiting VOC content of the cleaning solution to 0.42 lb VOC/gal of solution, as applied. Minor Modification = Using the methods in §115.468(a)(1)-(3).	
PROPGE	30 TAC Chapter 115, Subchapter E, Division 6	R5460-02	Exemptions = No exemption is being met. Alternate Control Requirement = Alternate control not used. Compliance Demonstration = Limiting the composite partial vapor pressure of the cleaning solution to 8.0 millimeters of mercury at 20 degrees Celsius (68 degrees Fahrenheit). Minor Modification = Using the methods in §115.468(a)(1)-(3).	
B13PGR1	30 TAC Chapter 115, Batch Processes	R5160-01	Batch Process Annual Emission = The batch process train has total annual mass emissions from all combined vents at or lower than the levels specified in 30 TAC § 115.167(2)(A).	
B13PGR2	30 TAC Chapter 115, Batch Processes	R5160-01	Batch Process Annual Emission = The batch process train has total annual mass emissions from all combined vents at or lower than the levels specified in 30 TAC § 115.167(2)(A).	
B13PGR5	30 TAC Chapter 115, Batch Processes	R5160-01	Batch Process Annual Emission = The batch process train has total annual mass emissions from all combined vents at or lower than the levels specified in 30 TAC § 115.167(2)(A).	
B13PGR9	30 TAC Chapter 115, Batch Processes	R5160-01	Batch Process Annual Emission = The batch process train has total annual mass emissions from all combined vents at or lower than the levels specified in 30 TAC § 115.167(2)(A).	
PROGMA	40 CFR Part 63, Subpart FFFF	63FFFF-01	Ammonium Sulfate = The MCPU does not include the manufacture of ammonium sulfate as a by-product, or the slurry entering the by-product manufacturing process contains 50 parts per million by weight (ppmw) HAP or less or 10 ppmw benzene or less. Other Operations = The MCPU includes operations other than those listed in § 63.2435(c).	-- Affected Pollutant - 112(B) HAPS: Deleted Reporting [G]§ 63.2520(e)(5)(ii) and replaced with § 63.2520(e)(5)(ii) and § 63.2520(e)(5)(ii)(A). This removes portions of the group that do not apply. (§ 63.2520(e)(5)(ii)(B) has

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>63.100 CMPU = The MCPU is not a CMPU defined in § 63.100.</p> <p>G2/&lt;1000 lb/yr = The process does not include Group 2 batch process vents and/or uncontrolled hydrogen halide and halogen HAP emissions from the sum of all batch and continuous process vents less than 1,000 lb/yr.</p> <p>Startup 2003 = The affected source startup was before November 10, 2003.</p> <p>Shared Batch Vent = The MCPU does not include a batch process vent that also is part of a CMPU as defined in subparts F and G of this part 63.</p> <p>PUG = The MCPU is not part of a process unit group (PUG).</p> <p>Startup 2002 = The affected source initial startup was before April 4, 2002.</p> <p>PP Alt = The MCPU is complying with the emission limitations and work practice standards contained in Tables 1 through 7.</p> <p>&gt;1000 lb/yr = The process has uncontrolled hydrogen halide and halogen HAP emissions from process vents of less than 1,000 lb/yr.</p> <p>New Source = The MCPU is an existing affected source.</p> <p>Batch Process Vents = The source does not include batch process vents.</p>	<p>been replaced with a newer citation and § 63.2520(e)(5)(ii)(C) does not apply since there are no batch process vents in this process unit).</p> <p>Deleted Reporting [G]§ 63.2520(e)(5)(iii) since a CMS is not used.</p> <p>The following citations were added since they are new or revised in the August 12, 2020 rule amendment that is not yet included in the DSS:</p> <p>Related Standards § 63.2445(g) and § 63.2445(g)(1) clarify the compliance date and list the new general requirements.</p> <p>Related Standard § 63.2450(a)(2) is a general requirement that clarifies emission limits and work practice standards apply at all time.</p> <p>Related Standard § 63.2450(t) mentions new safety device requirements.</p> <p>Related Standard § 63.2450(u) expresses the general duty to operate and maintain the affected source in line with safety and good air pollution control practices.</p> <p>Related Standard [G]§ 63.2450(v) specifies new requirements for maintenance vents.</p> <p>Recordkeeping and Reporting § 63.2445(g)(7) lists notification, recordkeeping, and reporting citations that have new requirements or specify older requirements no longer apply.</p> <p>Reporting § 63.2515(d) addresses new supplemental information for the Notification of Compliance Status.</p> <p>Reporting § 63.2520(e)(5)(ii)(D) specifies what to include in the compliance report for deviations.</p> <p>Reporting [G]§ 63.2520(h) and G]§ 63.2520(i) discuss circumstances that may prevent submitting electronic reports to EPA on time, as well as what items to provide to EPA to document a late submittal or request an extension.</p>
PROPGA	40 CFR Part 63, Subpart FFFF	63FFFF-01	<p>Ammonium Sulfate = The MCPU does not include the manufacture of ammonium sulfate as a by-product, or the slurry entering the by-product manufacturing process contains 50 parts per million by weight (ppmw) HAP or less or 10 ppmw benzene or less.</p> <p>Other Operations = The MCPU includes operations other than those listed in § 63.2435(c).</p> <p>63.100 CMPU = The MCPU is not a CMPU defined in § 63.100.</p> <p>G2/&lt;1000 lb/yr = The process does not include Group 2 batch process vents and/or uncontrolled hydrogen halide and halogen HAP emissions from the sum of all batch and continuous process vents less than 1,000 lb/yr.</p>	<p>-- Affected Pollutant - 112(B) HAPS:</p> <p>Deleted Reporting [G]§ 63.2520(e)(5)(ii) and replaced with § 63.2520(e)(5)(ii) and § 63.2520(e)(5)(ii)(A). This removes portions of the group that do not apply. (§ 63.2520(e)(5)(ii)(B) has been replaced with a newer citation and § 63.2520(e)(5)(ii)(C) does not apply since there are no batch process vents in this process unit).</p> <p>Deleted Reporting [G]§ 63.2520(e)(5)(iii) since a CMS is not used.</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Startup 2003 = The affected source startup was before November 10, 2003.</p> <p>Shared Batch Vent = The MCPU does not include a batch process vent that also is part of a CMPU as defined in subparts F and G of this part 63.</p> <p>PUG = The MCPU is not part of a process unit group (PUG).</p> <p>Startup 2002 = The affected source initial startup was before April 4, 2002.</p> <p>PP Alt = The MCPU is complying with the emission limitations and work practice standards contained in Tables 1 through 7.</p> <p>&gt;1000 lb/yr = The process has uncontrolled hydrogen halide and halogen HAP emissions from process vents of less than 1,000 lb/yr.</p> <p>New Source = The MCPU is an existing affected source.</p> <p>Batch Process Vents = The source does not include batch process vents.</p>	<p>The following citations were added since they are new or revised in the August 12, 2020 rule amendment that is not yet included in the DSS:</p> <p>Related Standards § 63.2445(g) and § 63.2445(g)(1) clarify the compliance date and list the new general requirements.</p> <p>Related Standard § 63.2450(a)(2) is a general requirement that clarifies emission limits and work practice standards apply at all time.</p> <p>Related Standard § 63.2450(t) mentions new safety device requirements.</p> <p>Related Standard § 63.2450(u) expresses the general duty to operate and maintain the affected source in line with safety and good air pollution control practices.</p> <p>Related Standard [G]§ 63.2450(v) specifies new requirements for maintenance vents.</p> <p>Recordkeeping and Reporting § 63.2445(g)(7) lists notification, recordkeeping, and reporting citations that have new requirements or specify older requirements no longer apply.</p> <p>Reporting § 63.2450(e)(3)(i) specifies new performance test reporting requirements for a halogen reduction device.</p> <p>Reporting § 63.2515(d) addresses new supplemental information for the Notification of Compliance Status.</p> <p>Reporting § 63.2520(e)(5)(ii)(D) specifies what to include in the compliance report for deviations.</p> <p>Reporting [G]§ 63.2520(h) and G]§ 63.2520(i) discuss circumstances that may prevent submitting electronic reports to EPA on time, as well as what items to provide to EPA to document a late submittal or request an extension.</p>
PROPGE	40 CFR Part 63, Subpart F	63F-01	<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 in Table 2.</p> <p>Alternate Means of Emission Limitation = No alternative means of emission limitation has been approved by the EPA Administrator to achieve a reduction in organic HAP emission or no alternate has been requested.</p> <p>Heat Exchange System = A heat exchange system is utilized.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Cooling Water Pressure = The heat exchange system is not operated with the minimum pressure on the cooling water side at least 35 kilopascals greater than the maximum pressure on the process side.</p> <p>Intervening Cooling Fluid = There is no 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 4 HAP Content = The recirculating heat exchange system is not used exclusively 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>NPDES Permit = The once-through heat exchange system is not subject to NPDES permit with an allowable discharge limit of 1 part per million or less above influent concentration or 10 percent or less above influent concentration.</p> <p>Meets 40 CFR 63.104(a)(4)(i)-(iv) = The once-through heat exchange system is not subject to an NPDES permit that meets 40 CFR § 63.104(a)(4)(i) - (iv).</p> <p>Table 9 HAP Content = The once-through heat exchange system is not used exclusively 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 = The cooling water is being monitored for the presence of one or more HAPs or other representative substances whose presence in cooling water indicates a leak.</p>	

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

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

## NSR Versus Title V FOP

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

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

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

## New Source Review Requirements

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

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

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

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

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

### New Source Review Authorization References

<b>Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits by Rule, PSD Permits, or NA Permits) for the Application Area.</b>	
Authorization No.: 18561	Issuance Date: 09/10/2019
Authorization No.: 75751	Issuance Date: 01/17/2017
Authorization No.: 104144	Issuance Date: 07/26/2019
Authorization No.: 145335	Issuance Date: 03/28/2017
<b>Permits by Rule (30 TAC Chapter 106) for the Application Area</b>	
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: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000

### Permits by Rule

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

This interpretation is consistent with how TCEQ has historically determined compliance with the emission limits prior to the addition of the “as applicable” language. The “as applicable” language was added in 2014 as part of changes to the sentence structure in a rulemaking that made other changes to address greenhouse gases and was not intended as a substantive rule change. This interpretation also provides for effective and practical enforcement of 30 TAC §106.4(a), since for the TCEQ to effectively enforce the emission limits in 30 TAC §106.4(a) as emission thresholds, all emission limits must apply. As provided by 30 TAC §106.4(a)(2) and (3), an owner/operator shall not claim a PBR authorization if the facility is subject to major New Source Review. The practical and legal effect of the language in 30 TAC § 106.4 is that if a facility does not emit a pollutant, then the potential to emit for that particular pollutant is zero, and thus, the facility is not authorized to emit the pollutant pursuant to the PBR.

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

- As stated in 30 TAC § 106.8(a), the permit holder is not required to keep records for de minimis sources as designated in 30 TAC § 116.119.
- As stated in 30 TAC § 106.8(b) for PBRs on the insignificant activities list, the permit holder is required to provide information that would demonstrate compliance with the general requirements of 30 TAC § 106.4.

- As stated in 30 TAC § 106.8(c) for all other PBRs, the permit holder must maintain sufficient records to demonstrate compliance with the general requirements specified in 30 TAC § 106.4 and to demonstrate compliance with the emission limits and any specific conditions of the PBR as applicable.

The application, or a previously submitted application, contains a PBR Supplemental Table. This table provides supplemental information for all PBR authorizations at the site or application area, including PBRs that are not listed on the OP-REQ1 form. PBRs that are not listed on the OP-REQ1 form authorize emission units that the TCEQ has determined are insignificant sources of emissions (IEUs). PBRs are enforceable through permit condition number 17. The EPA gives States broad discretion in prescribing monitoring, recordkeeping, and reporting for generally applicable requirements that cover insignificant emission units. (see EPA *White Paper Number 2 for Improved Implementation of the Part 70 Operating Permits Program*). Federal regulations specifically identify recordkeeping as an appropriate level of monitoring necessary to assure compliance with the requirements applicable to an emissions unit. Permitting authorities have the best sense of where it is appropriate to conclude that periodic monitoring is not necessary for IEUs, when state program rules already provide sufficient monitoring for these units.

In the case of IEUs in particular, the recordkeeping in 30 TAC §106.8 is sufficient because the units do not have the potential to violate emission limitations or other requirements under normal operating conditions. In particular, where the establishment of a regular program of monitoring would not significantly enhance the ability of the permit to assure compliance with the applicable requirement, the permitting authority can provide that the applicable requirement has monitoring sufficient to yield reliable data that is representative of the emission unit's compliance with the limitations. Therefore, for IEUs compliance with 30 TAC §106.8 is sufficient to meet federal monitoring requirements.

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

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

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

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

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

### **Monitoring Sufficiency**

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

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

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

**Compliance Assurance Monitoring (CAM):**

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

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

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

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

<b>Unit/Group/Process Information</b>	
ID No.: B13PGD530	
Control Device ID No.: B19G1T210	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: A deviation is considered to be any monitoring data below a minimum temperature measured during last stack test when receiving vents for destruction. Most recent stack test shall be maintained and provided upon request	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	



<b>Unit/Group/Process Information</b>	
ID No.: B13PGD530	
Control Device ID No.: B34VMTO210	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-02
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: A deviation is considered to be any monitoring data below a minimum temperature measured during last stack test when receiving vents for destruction. Most recent stack test shall be maintained and provided upon request	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

<b>Unit/Group/Process Information</b>	
ID No.: B13PGD530	
Control Device ID No.: B33INS1	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-03
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: A deviation is considered to be any monitoring data below a minimum temperature measured during last stack test when receiving vents for destruction. Most recent stack test shall be maintained and provided upon request	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

<b>Unit/Group/Process Information</b>	
ID No.: B13PGVJ3	
Control Device ID No.: B19G1T210	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: A deviation is considered to be any monitoring data below a minimum temperature measured during last stack test when receiving vents for destruction. Most recent stack test shall be maintained and provided upon request	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

<b>Unit/Group/Process Information</b>	
ID No.: B13PGVJ3	
Control Device ID No.: B34VMTO210	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-02
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: A deviation is considered to be any monitoring data below a minimum temperature measured during last stack test when receiving vents for destruction. Most recent stack test shall be maintained and provided upon request	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

<b>Unit/Group/Process Information</b>	
ID No.: B13PGVJ3	
Control Device ID No.: B33INS1	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-03
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: A deviation is considered to be any monitoring data below a minimum temperature measured during last stack test when receiving vents for destruction. Most recent stack test shall be maintained and provided upon request	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

**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.: B13PGD631	
Control Device ID No.: B13PGSV22	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid flow rate	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: 5 gallons per minute	
Basis of monitoring: The option to monitor the liquid flow rate, liquid supply pressure, and the liquid flow rate and gas flow rate are provided as monitoring options because monitoring these parameters can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles.	

<b>Unit/Group/Process Information</b>	
ID No.: B13PGD631	
Control Device ID No.: B13PGSV22	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per month	
Averaging Period: n/a	
Deviation Limit: Any inspection data which indicates that the scrubber is not in compliance with 115.121(a)(1).	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option ensures that the owner or operator is adequately maintaining the control equipment.	

<b>Unit/Group/Process Information</b>	
ID No.: B13PGD660	
Control Device ID No.: B13PGSV22	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid flow rate	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: 5 gallons per minute	
Basis of monitoring: The option to monitor the liquid flow rate, liquid supply pressure, and the liquid flow rate and gas flow rate are provided as monitoring options because monitoring these parameters can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles.	



<b>Unit/Group/Process Information</b>	
ID No.: B13PGD660	
Control Device ID No.: B13PGSV22	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per month	
Averaging Period: n/a	
Deviation Limit: Any inspection data which indicates that the scrubber is not in compliance with 115.121(a)(1).	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option ensures that the owner or operator is adequately maintaining the control equipment.	

<b>Unit/Group/Process Information</b>	
ID No.: B13SCPOLY	
Control Device ID No.: B13PGSV3	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid flow rate	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: 10 gallons per minute	
Basis of monitoring: The option to monitor the liquid flow rate, liquid supply pressure, and the liquid flow rate and gas flow rate are provided as monitoring options because monitoring these parameters can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles.	

<b>Unit/Group/Process Information</b>	
ID No.: B13SCPOLY	
Control Device ID No.: B13PGSV3	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per month	
Averaging Period: n/a	
Deviation Limit: Any inspection data which indicates that the scrubber is not in compliance with 115.121(a)(1).	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option ensures that the owner or operator is adequately maintaining the control equipment.	

<b>Unit/Group/Process Information</b>	
ID No.: B17SV384	
Control Device ID No.: B17SV384	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(2)
<b>Monitoring Information</b>	
Indicator: Liquid flow rate	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: 450 gallons per hour	
Basis of monitoring: The option to monitor the liquid flow rate, liquid supply pressure, and the liquid flow rate and gas flow rate are provided as monitoring options because monitoring these parameters can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles.	

<b>Unit/Group/Process Information</b>	
ID No.: B17SV384	
Control Device ID No.: B17SV384	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(2)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per month	
Averaging Period: n/a	
Deviation Limit: Any inspection data which indicates that the scrubber is not in compliance with 115.121(a)(1).	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option ensures that the owner or operator is adequately maintaining the control equipment	

<b>Unit/Group/Process Information</b>	
ID No.: B39GMVH290	
Control Device ID No.: B39GMSV290	Control Device Type: Wet scrubber
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid Flow Rate	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Liquid flow rate shall be no less than 300 gallons per hour.	
Basis of monitoring: The option to monitor the liquid flow rate, liquid supply pressure, and the liquid flow rate and gas flow rate are provided as monitoring options because monitoring these parameters can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles.	

<b>Unit/Group/Process Information</b>	
ID No.: B39GMVH290	
Control Device ID No.: B39GMSV290	Control Device Type: Wet scrubber
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid Inlet Temperature	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Liquid Flow Inlet Temperature: 60 degrees Celsius	
Basis of monitoring: The scrubber effluent used is once-through water over a packed column for maximum surface contact with process gases. The temperature of the water has a direct relationship to the solubility of the chemicals in the process gases.	

<b>Unit/Group/Process Information</b>	
ID No.: B39PT290	
Control Device ID No.: B39GMSV290	Control Device Type: Wet scrubber
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid Flow Rate	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Liquid flow rate shall be no less than 300 gallons per hour.	
Basis of monitoring: The option to monitor the liquid flow rate, liquid supply pressure, and the liquid flow rate and gas flow rate are provided as monitoring options because monitoring these parameters can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles.	



<b>Unit/Group/Process Information</b>	
ID No.: B39PT290	
Control Device ID No.: B39GMSV290	Control Device Type: Wet scrubber
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid Inlet Temperature	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Liquid Flow Inlet Temperature: 60 degrees Celsius	
Basis of monitoring: The scrubber effluent used is once-through water over a packed column for maximum surface contact with process gases. The temperature of the water has a direct relationship to the solubility of the chemicals in the process gases.	

<b>Unit/Group/Process Information</b>	
ID No.: B39RX210	
Control Device ID No.: B39GMSV290	Control Device Type: Wet scrubber
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid Flow Rate	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Liquid flow rate shall be no less than 300 gallons per hour.	
Basis of monitoring: The option to monitor the liquid flow rate, liquid supply pressure, and the liquid flow rate and gas flow rate are provided as monitoring options because monitoring these parameters can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles.	

<b>Unit/Group/Process Information</b>	
ID No.: B39RX210	
Control Device ID No.: B39GMSV290	Control Device Type: Wet scrubber
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid Inlet Temperature	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Liquid Flow Inlet Temperature: 60 degrees Celsius	
Basis of monitoring: The scrubber effluent used is once-through water over a packed column for maximum surface contact with process gases. The temperature of the water has a direct relationship to the solubility of the chemicals in the process gases.	

<b>Unit/Group/Process Information</b>	
ID No.: B43IPD141	
Control Device ID No.: B43IPSV1	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid flow rate	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: 4 gallons per minute	
Basis of monitoring: The option to monitor the liquid flow rate, liquid supply pressure, and the liquid flow rate and gas flow rate are provided as monitoring options because monitoring these parameters can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles.	

<b>Unit/Group/Process Information</b>	
ID No.: B43IPD141	
Control Device ID No.: B43IPSV1	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per month	
Averaging Period: n/a	
Deviation Limit: Any inspection data which indicates that the scrubber is not in compliance with 115.121(a)(1).	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option ensures that the owner or operator is adequately maintaining the control equipment.	

<b>Unit/Group/Process Information</b>	
ID No.: B43IPR101A	
Control Device ID No.: B43IPSV1	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid flow rate	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: 4 gallons per minute	
Basis of monitoring: The option to monitor the liquid flow rate, liquid supply pressure, and the liquid flow rate and gas flow rate are provided as monitoring options because monitoring these parameters can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles.	

<b>Unit/Group/Process Information</b>	
ID No.: B43IPR101A	
Control Device ID No.: B43IPSV1	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per month	
Averaging Period: n/a	
Deviation Limit: Any inspection data which indicates that the scrubber is not in compliance with 115.121(a)(1).	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option ensures that the owner or operator is adequately maintaining the control equipment.	

<b>Unit/Group/Process Information</b>	
ID No.: B43IPR101B	
Control Device ID No.: B43IPSV1	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid flow rate	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: 4 gallons per minute	
Basis of monitoring: The option to monitor the liquid flow rate, liquid supply pressure, and the liquid flow rate and gas flow rate are provided as monitoring options because monitoring these parameters can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles.	



<b>Unit/Group/Process Information</b>	
ID No.: B43IPR101B	
Control Device ID No.: B43IPSV1	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per month	
Averaging Period: n/a	
Deviation Limit: Any inspection data which indicates that the scrubber is not in compliance with 115.121(a)(1).	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option ensures that the owner or operator is adequately maintaining the control equipment.	

<b>Unit/Group/Process Information</b>	
ID No.: B43IPRX1	
Control Device ID No.: B43IPSV1	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid flow rate	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: 4 gallons per minute	
Basis of monitoring: The option to monitor the liquid flow rate, liquid supply pressure, and the liquid flow rate and gas flow rate are provided as monitoring options because monitoring these parameters can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles.	

<b>Unit/Group/Process Information</b>	
ID No.: B43IPRX1	
Control Device ID No.: B43IPSV1	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per month	
Averaging Period: n/a	
Deviation Limit: Any inspection data which indicates that the scrubber is not in compliance with 115.121(a)(1).	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option ensures that the owner or operator is adequately maintaining the control equipment.	

<b>Unit/Group/Process Information</b>	
ID No.: B43IPV132	
Control Device ID No.: B43IPSV1	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Liquid flow rate	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: 4 gallons per minute	
Basis of monitoring: The option to monitor the liquid flow rate, liquid supply pressure, and the liquid flow rate and gas flow rate are provided as monitoring options because monitoring these parameters can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles.	

<b>Unit/Group/Process Information</b>	
ID No.: B43IPV132	
Control Device ID No.: B43IPSV1	Control Device Type: Absorber (direct absorption)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-01
Pollutant: VOC	Main Standard: § 115.122(a)(1)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per month	
Averaging Period: n/a	
Deviation Limit: Any inspection data which indicates that the scrubber is not in compliance with 115.121(a)(1).	
Basis of monitoring: It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and recorded in a log. This option ensures that the owner or operator is adequately maintaining the control equipment.	

## Obtaining Permit Documents

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

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

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

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

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

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

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

Additional information concerning PBRs is available on the TCEQ website:

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

## Available Unit Attribute Forms

OP-UA1 - Miscellaneous and Generic Unit Attributes  
OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes  
OP-UA3 - Storage Tank/Vessel Attributes  
OP-UA4 - Loading/Unloading Operations Attributes  
OP-UA5 - Process Heater/Furnace Attributes  
OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes  
OP-UA7 - Flare Attributes  
OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes  
OP-UA11 - Stationary Turbine Attributes  
OP-UA12 - Fugitive Emission Unit Attributes  
OP-UA13 - Industrial Process Cooling Tower Attributes  
OP-UA14 - Water Separator Attributes  
OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes  
OP-UA16 - Solvent Degreasing Machine Attributes  
OP-UA17 - Distillation Unit Attributes  
OP-UA18 - Surface Coating Operations Attributes  
OP-UA19 - Wastewater Unit Attributes  
OP-UA20 - Asphalt Operations Attributes  
OP-UA21 - Grain Elevator Attributes  
OP-UA22 - Printing Attributes  
OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes  
OP-UA25 - Synthetic Fiber Production Attributes  
OP-UA26 - Electroplating and Anodizing Unit Attributes  
OP-UA27 - Nitric Acid Manufacturing Attributes  
OP-UA28 - Polymer Manufacturing Attributes  
OP-UA29 - Glass Manufacturing Unit Attributes  
OP-UA30 - Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes  
OP-UA31 - Lead Smelting Attributes  
OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes  
OP-UA33 - Mineral Processing Plant Attributes  
OP-UA34 - Pharmaceutical Manufacturing  
OP-UA35 - Incinerator Attributes

OP-UA36 - Steel Plant Unit Attributes  
OP-UA37 - Basic Oxygen Process Furnace Unit Attributes  
OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes  
OP-UA39 - Sterilization Source Attributes  
OP-UA40 - Ferroalloy Production Facility Attributes  
OP-UA41 - Dry Cleaning Facility Attributes  
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes  
OP-UA43 - Sulfuric Acid Production Attributes  
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes  
OP-UA45 - Surface Impoundment Attributes  
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes  
OP-UA47 - Ship Building and Ship Repair Unit Attributes  
OP-UA48 - Air Oxidation Unit Process Attributes  
OP-UA49 - Vacuum-Producing System Attributes  
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes  
OP-UA51 - Dryer/Kiln/Oven Attributes  
OP-UA52 - Closed Vent Systems and Control Devices  
OP-UA53 - Beryllium Processing Attributes  
OP-UA54 - Mercury Chlor-Alkali Cell Attributes  
OP-UA55 - Transfer System Attributes  
OP-UA56 - Vinyl Chloride Process Attributes  
OP-UA57 - Cleaning/Depainting Operation Attributes  
OP-UA58 - Treatment Process Attributes  
OP-UA59 - Coke By-Product Recovery Plant Attributes  
OP-UA60 - Chemical Manufacturing Process Unit Attributes  
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes  
OP-UA62 - Glycol Dehydration Unit Attributes  
OP-UA63 - Vegetable Oil Production Attributes  
OP-UA64 - Coal Preparation Plant Attributes