Statement of Basis of the Federal Operating Permit

Enterprise Products Operating LLC

Site Name: Mont Belvieu Complex
Physical Location: 10207 FM 1942 Rd
Nearest City: Mont Belvieu
County: Chambers

Permit Number: O1641
Project Type: Renewal

The North American Industry Classification System (NAICS) Code: 211112
NAICS Name: Natural Gas Liquid Extraction

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

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

Prepared on: November 21, 2025

Operating Permit
Basis of Determination

Permit Area Process Description

Enterprise Products Operating LLC processes liquid petroleum gases to produce high grade petroleum products and certain synthetic organic chemicals. The processes include fractionation, reaction separation and distillation. The facility utilizes gas turbines to provide power and heat for the production operations. Supplementary fired heat recovery units provide additional power. The facility utilizes four flares to control emissions.

The facility has numerous units including: butane isomerization units that convert normal butane into isobutane after treatment to remove sulfur compounds, deisobutanizer units that are used to separate isobutane from butane in mixed streams, a methyl tertiary butyl ether (MTBE) unit used to convert isobutane feed into either MTBE or other gasoline additives, a (P/P) splitter used to separate a mixed propane/propylene feed into separate propane, propylene and butane constituents after treatment to remove sulfur compounds, fractionators used to separate Y-grade feed which consists of ethane, propane, butane and other gases into individual gas liquid products, and cogeneration units at the facility consisting of natural gas fired turbines. These units produce electricity and provide heat for the process units at the facility.

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: O3557, O4004, O4035, O4187, O4471

Major Source Pollutants

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

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

Reading State of Texas’s Federal Operating Permit

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

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

- General Terms and Conditions
- Special Terms and Conditions
    - Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting
    - Additional Monitoring Requirements
    - New Source Review Authorization Requirements
    - Compliance Requirements
    - Protection of Stratosphere Ozone
    - Permit Location
    - Permit Shield (30 TAC § 122.148)
- Attachments

    - Applicable Requirements Summary
        - Unit Summary
        - Applicable Requirements Summary
    - Additional Monitoring Requirements
    - Permit Shield
    - New Source Review Authorization References
    - Compliance Plan
    - Alternative Requirements
- Appendix A
    - Acronym list
- Appendix B
    - Copies of major NSR authorizations

General Terms and Conditions

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

Special Terms and Conditions

Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting. The TCEQ has designated certain applicable requirements as site-wide requirements. A site-wide requirement is a requirement that applies uniformly to all the units or activities at the site. Units with only site-wide requirements are addressed on Form OP-REQ1 and are not required to be listed separately on 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.

Appendix B

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

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

The site contains stationary vents with a flowrate less than 100,000 actual cubic feet per minute (acfm) and constructed 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)	Yes
Nonattainment New Source Review (NNSR)	Yes
Minor NSR	Yes
40 CFR Part 60 - New Source Performance Standards	Yes
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)	Yes
40 CFR Part 63 - NESHAPs for Source Categories	Yes
Title IV (Acid Rain) of the Clean Air Act (CAA)	No
Title V (Federal Operating Permits) of the CAA	Yes
Title VI (Stratospheric Ozone Protection) of the CAA	Yes
CSAPR (Cross-State Air Pollution Rule)	No
Federal Implementation Plan for Regional Haze (Texas SO_2 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.

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.

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

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

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

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

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

Operational Flexibility

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

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
061GE14001	30 TAC Chapter 117, Subchapter B	R7303-01	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
061GE14001	40 CFR Part 60, Subpart IIII	60IIII-01	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Service = CI ICE is an emergency engine. Commencing = CI ICE was newly constructed after 07/11/2005 Manufacture Date = Date of manufacture was after 04/01/2006. Diesel = Diesel fuel is used. Displacement = Displacement is less than 10 liters per cylinder. Model Year = CI ICE was manufactured in model year 2013. Kilowatts = Power rating greater than or equal to 130 KW and less than or equal to 368 KW. AECD = The CI ICE is not equipped with auxiliary emission control devices (AECDs) pursuant to the requirements of 40 CFR 1039.665 Standard = The emergency CI ICE meets the Tier 1, 2, 3, or 4 standards applicable to non-emergency engines (for the same KW and model year) Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.	-- Affected Pollutants – CO, NMHC and NO_X, PM (Opacity), & PM: Deleted Reporting [G]§ 60.4214(d) because the engines are not contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in § 60.4211(f)(2)(ii) and (iii) or operate for the purposes in § 60.4211(f)(3)(i).
061GE14001	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-04	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 100 HP and less than 250 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	
061PM18931	30 TAC Chapter 117, Subchapter B	R7303-01	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
061PM18931	40 CFR Part 60, Subpart IIII	60IIII-01	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Service = CI ICE is a fire-pump engine, an emergency engine certified to National Fire Protection Association requirements. Commencing = CI ICE was newly constructed after 07/11/2005 Manufacture Date = Date of manufacture was after 07/01/2006. Diesel = Diesel fuel is used. Displacement = Displacement is less than 10 liters per cylinder. Model Year = CI ICE was manufactured in model year 2013. Kilowatts = Power rating is greater than or equal to 130 KW and less than or equal to 368 KW. Standard = The emergency CI ICE meets the Tier 1, 2, 3, or 4 standards applicable to non-emergency engines (for the same KW and model year) Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.	-- Affected Pollutants – NMHC and NO_X and PM: Deleted Reporting [G]§ 60.4214(d) because the engines are not contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in § 60.4211(f)(2)(ii) and (iii) or operate for the purposes in § 60.4211(f)(3)(i).
061PM18931	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-05	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	
107PM18113	30 TAC Chapter 117, Subchapter B	R7303-01	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
107PM18113	40 CFR Part 60, Subpart IIII	60IIII-02	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Service = CI ICE is a fire-pump engine, an emergency engine certified to National Fire Protection Association requirements.	-- Affected Pollutants – NMHC and NO_X and PM: Deleted Reporting [G]§ 60.4214(d) because the engines are not contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in § 60.4211(f)(2)(ii) and (iii) or operate for the purposes in § 60.4211(f)(3)(i).

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Commencing = CI ICE was newly constructed after 07/11/2005 Manufacture Date = Date of manufacture was after 07/01/2006. Diesel = Diesel fuel is used. Displacement = Displacement is less than 10 liters per cylinder. Model Year = CI ICE was manufactured in model year 2010. Kilowatts = Power rating is greater than or equal to 130 KW and less than or equal to 368 KW. Standard = The emergency CI ICE meets the Tier 1, 2, 3, or 4 standards applicable to non-emergency engines (for the same KW and model year) Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions. Options = The CI ICE rated speed is less than 2650 RPMs.	
107PM18113	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-05	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	
107PM18920	30 TAC Chapter 117, Subchapter B	R7303-01	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
107PM18920	40 CFR Part 60, Subpart IIII	60IIII-02	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Service = CI ICE is a fire-pump engine, an emergency engine certified to National Fire Protection Association requirements. Commencing = CI ICE was newly constructed after 07/11/2005 Manufacture Date = Date of manufacture was after 07/01/2006. Diesel = Diesel fuel is used. Displacement = Displacement is less than 10 liters per cylinder.	-- Affected Pollutants – NMHC and NO_X and PM: Deleted Reporting [G]§ 60.4214(d) because the engines are not contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in § 60.4211(f)(2)(ii) and (iii) or operate for the purposes in § 60.4211(f)(3)(i).

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Model Year = CI ICE was manufactured in model year 2010. Kilowatts = Power rating is greater than or equal to 130 KW and less than or equal to 368 KW. Standard = The emergency CI ICE meets the Tier 1, 2, 3, or 4 standards applicable to non-emergency engines (for the same KW and model year) Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions. Options = The CI ICE rated speed is less than 2650 RPMs.	
107PM18920	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-05	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	
2350GEN001	30 TAC Chapter 117, Subchapter B	R7303-01	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
2350GEN001	40 CFR Part 60, Subpart IIII	60IIII-04	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Service = CI ICE is an emergency engine. Commencing = CI ICE was newly constructed after 07/11/2005 Manufacture Date = Date of manufacture was after 04/01/2006. Diesel = Diesel fuel is used. Displacement = Displacement is greater than or equal to 10 and less than 15 liters per cylinder. Model Year = CI ICE was manufactured in model year 2013. Kilowatts = Power rating is greater than 368 KW and less than 600 KW. AECD = The CI ICE is not equipped with auxiliary emission control devices (AECDs) pursuant to the requirements of 40 CFR 1039.665	-- Affected Pollutants – CO, NMHC and NO_X, and PM: Deleted Reporting [G]§ 60.4214(d) because the engines are not contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in § 60.4211(f)(2)(ii) and (iii) or operate for the purposes in § 60.4211(f)(3)(i).

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Standard = The emergency CI ICE meets the Tier 1, 2, 3, or 4 standards applicable to non-emergency engines (for the same KW and model year) Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.	
2350GEN001	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-06	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	
356PM18001	30 TAC Chapter 117, Subchapter B	R7303-02	Type of Service = Existing diesel fuel-fired engine, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed or relocated on or after October 1, 2001	
356PM18001	40 CFR Part 60, Subpart IIII	60IIII-05	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Service = CI ICE is a fire-pump engine, an emergency engine certified to National Fire Protection Association requirements. Commencing = CI ICE was newly constructed after 07/11/2005 Manufacture Date = Date of manufacture was after 07/01/2006.	
356PM18001	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-02	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
356PM18015	30 TAC Chapter 117, Subchapter B	R7303-02	Type of Service = Existing diesel fuel-fired engine, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed or relocated on or after October 1, 2001	
356PM18015	40 CFR Part 60, Subpart IIII	60IIII-06	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Service = CI ICE is a fire-pump engine, an emergency engine certified to National Fire Protection Association requirements. Commencing = CI ICE was newly constructed after 07/11/2005 Manufacture Date = Date of manufacture was after 07/01/2006.	
356PM18015	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-01	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 100 HP and less than 250 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	
356PM18027	30 TAC Chapter 117, Subchapter B	R7303-01	Type of Service = Existing diesel fuel-fired engine, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed or relocated on or after October 1, 2001	
356PM18027	40 CFR Part 60, Subpart IIII	60IIII-01	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Service = CI ICE is a fire-pump engine, an emergency engine certified to National Fire Protection Association requirements. Commencing = CI ICE was newly constructed after 07/11/2005 Manufacture Date = Date of manufacture was after 07/01/2006.	
356PM18027	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-01	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Brake HP = Stationary RICE with a brake HP greater than or equal to 100 HP and less than 250 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	
HRO ADMIN	30 TAC Chapter 117, Subchapter B	R7303-01	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
HRO ADMIN	40 CFR Part 60, Subpart IIII	60IIII-05	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Service = CI ICE is an emergency engine. Commencing = CI ICE was newly constructed after 07/11/2005 Manufacture Date = Date of manufacture was after 04/01/2006. Diesel = Diesel fuel is used. Displacement = Displacement is less than 10 liters per cylinder. Model Year = CI ICE was manufactured in model year 2015. Kilowatts = Power rating is greater than or equal to 19 KW and less than 37 KW. Standard = The emergency CI ICE meets the Tier 1, 2, 3, or 4 standards applicable to non-emergency engines (for the same KW and model year) Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.	
HRO ADMIN	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-03	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP less than 100 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Stationary RICE Type = Compression ignition engine	
MGSG	30 TAC Chapter 117, Subchapter B	R7303-01	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average	
MGSG	40 CFR Part 60, Subpart IIII	60IIII-02	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Service = CI ICE is an emergency engine. Commencing = CI ICE was newly constructed after 07/11/2005 Manufacture Date = Date of manufacture was after 04/01/2006. Diesel = Diesel fuel is used. Displacement = Displacement is less than 10 liters per cylinder. Model Year = CI ICE was manufactured in model year 2013. Kilowatts = Power rating is greater than or equal to 37 KW and less than 75 KW. AECD = The CI ICE is not equipped with auxiliary emission control devices (AECDs) pursuant to the requirements of 40 CFR 1039.665 Standard = The emergency CI ICE meets the Tier 1, 2, 3, or 4 standards applicable to non-emergency engines (for the same KW and model year) Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.	
MGSG	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-03	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP less than 100 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Nonindustrial Emergency Engine = Stationary RICE is not defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	
030PV17005	40 CFR Part 60, Subpart Kb	60Kb-00	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,813 gallons but less than 39,890 gallons (capacity is greater than 75,000 liters but less than or equal to 151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
035SV19101	30 TAC Chapter 115, Storage of VOCs	R5111-a1	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 using a submerged fill pipe True Vapor Pressure = True vapor pressure is less than 1.0 psia	
035SV19101	40 CFR Part 60, Subpart Kb	60Kb-00	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 10,600 gallons but less than 19,813 gallons (capacity is greater than 40,000 liters but less than or equal to 75,000 liters)	
042SV19602	30 TAC Chapter 115, Storage of VOCs	R5111-a1	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 using a submerged fill pipe True Vapor Pressure = True vapor pressure is less than 1.0 psia	
050SV19101	40 CFR Part 60, Subpart K	60K-00	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	
057SV19701	30 TAC Chapter 115, Storage of VOCs	R5111-a1	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 using a submerged fill pipe True Vapor Pressure = True vapor pressure is less than 1.0 psia	
057SV19701	40 CFR Part 60, Subpart Kb	60Kb-00	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
057SV19702	30 TAC Chapter 115, Storage of VOCs	R5111-a1	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Tank Description = Tank using a submerged fill pipe True Vapor Pressure = True vapor pressure is less than 1.0 psia	
057SV19702	40 CFR Part 60, Subpart Kb	60Kb-00	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
061SV19001	30 TAC Chapter 115, Storage of VOCs	R5112-E	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	
061SV19001	40 CFR Part 60, Subpart Kb	60KB-E	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)	
061SV19016	30 TAC Chapter 115, Storage of VOCs	R5112-03	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 using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe	
061SV19016	30 TAC Chapter 115, Storage of VOCs	R5112-E	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	
061SV19016	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Petroleum liquid (other than petroleum or condensate) 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**
			WW Tank Control = An IFR is operated and maintained per 40 CFR § 63.1062(a)(1) Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Guidepole = Only a slotted guidepole which has a pole wiper and pole sleeve per 40 CFR §63.1063(a)(2)(viii)(B)	
061SV19016	40 CFR Part 60, Subpart Kb	60KB-2	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) WW Tank Control = The storage vessel is not using 40 CFR 63, subpart WW to comply with 40 CFR 60, subpart Kb Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
061SV19017	30 TAC Chapter 115, Storage of VOCs	R5112-03	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 using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe	
061SV19017	30 TAC Chapter 115, Storage of VOCs	R5112-E	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	
061SV19017	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) WW Tank Control = An IFR is operated and maintained per 40 CFR § 63.1062(a)(1) Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Guidepole = Only a slotted guidepole which has a pole wiper and pole sleeve per 40 CFR §63.1063(a)(2)(viii)(B)	
061SV19017	40 CFR Part 60, Subpart Kb	60KB-2	Product Stored = Petroleum liquid (other than petroleum or condensate) 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**
			WW Tank Control = The storage vessel is not using 40 CFR 63, subpart WW to comply with 40 CFR 60, subpart Kb Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
061SV19017	40 CFR Part 60, Subpart Kb	60KB-E	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) WW Tank Control = The storage vessel is not using 40 CFR 63, subpart WW to comply with 40 CFR 60, subpart Kb Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
061SV19024	30 TAC Chapter 115, Storage of VOCs	R5112-03	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 using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe	
061SV19024	30 TAC Chapter 115, Storage of VOCs	R5112-E	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 using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia	
061SV19024	40 CFR Part 60, Subpart Kb	60KB-1	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,890 gallons (151,000 liters) WW Tank Control = An IFR is operated and maintained per 40 CFR § 63.1062(a)(1) Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Guidepole = Only a slotted guidepole which has a pole wiper and pole sleeve per 40 CFR §63.1063(a)(2)(viii)(B)	
061SV19024	40 CFR Part 60, Subpart Kb	60KB-E	Product Stored = Petroleum liquid (other than petroleum or condensate) 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**
			WW Tank Control = The storage vessel is not using 40 CFR 63, subpart WW to comply with 40 CFR 60, subpart Kb Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
107SV19802	30 TAC Chapter 115, Storage of VOCs	R5111-2	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	
107SV19802	40 CFR Part 60, Subpart Kb	60Kb-00	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
107SV19802	40 CFR Part 63, Subpart G	63G-G2T	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.	
107SV19803	30 TAC Chapter 115, Storage of VOCs	R5111-3	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 greater than or equal to 1.0 psia but less than 1.5 psia	
107SV19803	40 CFR Part 60, Subpart Kb	60Kb-00	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
107SV19803	40 CFR Part 63, Subpart G	63G-G2T	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.	
107SV19806	30 TAC Chapter 115, Storage of VOCs	R5111-2	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	
107SV19806	40 CFR Part 60, Subpart Kb	60Kb-00	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
107SV19806	40 CFR Part 63, Subpart G	63G-G2T	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.	
351SV19001	30 TAC Chapter 115, Storage of VOCs	R5111-a1	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	
351SV19001	40 CFR Part 60, Subpart Kb	60Kb-00	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 10,600 gallons but less than 19,813 gallons (capacity is greater than 40,000 liters but less than or equal to 75,000 liters)	
GRP-TK02	30 TAC Chapter 115, Storage of VOCs	R5111-a1	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	
GRP-TK02	40 CFR Part 60, Subpart Kb	60Kb-00	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
GRP-TK03	30 TAC Chapter 115, Storage of VOCs	R5111-a1	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	
GRP-TK03	40 CFR Part 60, Subpart Kb	60Kb-00	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)	
GRP-TK04	30 TAC Chapter 115, Storage of VOCs	R5111-a1	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 25,000 gallons but less than or equal to 40,000 gallons Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia	
GRP-TK04	40 CFR Part 60, Subpart Kb	60Kb-00	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 19,813 gallons but less than 39,890 gallons (capacity is greater than 75,000 liters but less than or equal to 151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	
GRP-TK05	30 TAC Chapter 115, Storage of VOCs	R5112-03	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 using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Control Device Type = Flare	
GRP-TK05	40 CFR Part 63, Subpart G	63G-01	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. NSPS Subpart Kb Applicability = The unit is subject to 40 CFR Part 60, Subpart Kb. Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Closed vent system (CVS) and control device (fixed roof)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H. Bypass Lines = Closed vent system has no by-pass lines. Control Device Type = Flare	
GRP-TK06	30 TAC Chapter 115, Storage of VOCs	R5111-a1	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 using a submerged fill pipe True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia	
GRP-TK06	40 CFR Part 60, Subpart Kb	60Kb-00	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
GRP-TK08	30 TAC Chapter 115, Storage of VOCs	R5111-a1	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	
GRP-TK08	40 CFR Part 60, Subpart Kb	60Kb-00	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
GRP-TK09	30 TAC Chapter 115, Storage of VOCs	R5111-a1	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	
GRP-TK09	40 CFR Part 60, Subpart K	60K-00	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP-TK11	30 TAC Chapter 115, Storage of VOCs	R5111-a1	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	
GRP-TK11	40 CFR Part 60, Subpart Kb	60Kb-02	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 greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Emission controls not required (fixed roof)	
061TL1	30 TAC Chapter 115, Loading and Unloading of VOC	R5217-01	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 = Only loading. True Vapor Pressure = True vapor pressure less than 0.5 psia.	
062LO-01	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 = Only loading. 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.	
062LO-01	30 TAC Chapter 115, Loading and Unloading of VOC	R5217-01	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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Transferred = Liquefied petroleum gas (LPG) Transfer Type = Only loading.	
062LO-01	40 CFR Part 63, Subpart EEEE	63EEEE-LR	Means of Compliance = The emissions from the transfer rack are being reduced by 98% by weight Emission Type = The emissions are from high throughput transfer racks Combination of Control Devices = The vent stream is not treated using a combination of control devices Control Device = Flare Bypass Line = No bypass line	
062LO-01	40 CFR Part 63, Subpart G	63G-LRG1	Transfer Rack Type = Group 1 transfer rack (as defined in 40 CFR § 63.111). Closed Vent System = Closed vent system is subject to § 63.172 of Subpart H. Hard Piping = The closed vent system is constructed of hard piping. Vapor Balancing System = A vapor balancing system is being used to reduce emissions of organic hazardous air pollutants. Bypass Lines = The vent system does not contain by-pass lines that could divert a vent stream flow away from the control device.	
042HR15601	30 TAC Chapter 117, Subchapter B	R7310-03	Unit Type = Process heater Maximum Rated Capacity = MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr Fuel Type #1 = Natural gas Fuel Type #2 = Gaseous fuel other than natural gas, landfill gas or renewable non-fossil fuel gases Annual Heat Input = Annual heat input is less than or equal to 2.2 (10^{11}) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. NOx Emission Limit Basis = Complying with the applicable emission limit using a block one-hour average NOx Reduction = No NO_x reduction NOx Monitoring System = Continuous emissions monitoring system Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option CO Monitoring System = Continuous emissions monitoring system	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
050HR15011	30 TAC Chapter 117, Subchapter B	R7310-04	Unit Type = Process heater Maximum Rated Capacity = MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr Fuel Type #1 = Natural gas Annual Heat Input = Annual heat input is less than or equal to 2.2 (10^{11}) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. NOx Emission Limit Basis = Complying with the applicable emission limit using a block one-hour average NOx Reduction = No NO_x reduction NOx Monitoring System = Continuous emissions monitoring system Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option CO Monitoring System = Continuous emissions monitoring system	
050HR15011	40 CFR Part 63, Subpart DDDDD	63DDDDD-1	Commence = Source is existing (commenced construction or reconstruction on or before June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr	
053HT16001	30 TAC Chapter 117, Subchapter B	R7310-06	Unit Type = Process heater Maximum Rated Capacity = MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr Fuel Type #1 = Natural gas Fuel Type #2 = Gaseous fuel other than natural gas, landfill gas or renewable non-fossil fuel gases Annual Heat Input = Annual heat input is less than or equal to 2.8 (10^{11}) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. NOx Emission Limit Basis = Complying with the applicable emission limit using a block one-hour average NOx Reduction = No NO_x reduction NOx Monitoring System = Continuous emissions monitoring system Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Monitoring System = Continuous emissions monitoring system	
058HR15051	30 TAC Chapter 117, Subchapter B	R7310-05	Unit Type = Process heater Maximum Rated Capacity = MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr Fuel Type #1 = Natural gas Fuel Type #2 = Gaseous fuel other than natural gas, landfill gas or renewable non-fossil fuel gases Annual Heat Input = Annual heat input is less than or equal to 2.8 (10^{11}) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. NOx Emission Limit Basis = Emission limit basis is not a rolling 30-day average or a block one-hour average NOx Reduction = No NO_x reduction NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option CO Monitoring System = Emissions are monitored using method other than CEMS or PEMS.	
061REGEN	30 TAC Chapter 117, Subchapter B	R7310-02	Unit Type = Process heater Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr Fuel Type #1 = Natural gas NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. NOx Emission Limit Basis = Emission limit basis is not a rolling 30-day average or a block one-hour average NOx Reduction = No NO_x reduction Fuel Type Heat Input = Process heater is fired with a single fuel type. NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option CO Monitoring System = Emissions are monitored using method other than CEMS or PEMS.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
089HR15002	30 TAC Chapter 117, Subchapter B	R7310-02	Unit Type = Process heater Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr Fuel Type #1 = Natural gas NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. NOx Emission Limit Basis = Emission limit basis is not a rolling 30-day average or a block one-hour average NOx Reduction = No NO_x reduction NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option CO Monitoring System = Emissions are monitored using method other than CEMS or PEMS.	
101HR15101	30 TAC Chapter 117, Subchapter B	R7310-01	Unit Type = Process heater Maximum Rated Capacity = MRC is greater than or equal to 200 MMBtu/hr Fuel Type #1 = Gaseous fuel containing more that 50% hydrogen by volume, on an annual basis, fuel gas sampled and analyzed every three hours. Annual Heat Input = Annual heat input is greater than 2.2 (10^{11}) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. NOx Emission Limit Basis = Complying with the applicable emission limit using a block one-hour average NOx Reduction = Forced flue gas recirculation NOx Monitoring System = Continuous emissions monitoring system Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option CO Monitoring System = Continuous emissions monitoring system	
101HR15101	40 CFR Part 63, Subpart DDDDD	63DDDDD-1	Commence = Source is new (commenced construction after June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
101HR15614	30 TAC Chapter 117, Subchapter B	R7310-03	Unit Type = Process heater Maximum Rated Capacity = MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr Fuel Type #1 = Natural gas Fuel Type #2 = Gaseous fuel other than natural gas, landfill gas or renewable non-fossil fuel gases Annual Heat Input = Annual heat input is greater than 2.2 (10^{11}) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. NOx Emission Limit Basis = Complying with the applicable emission limit using a block one-hour average NOx Reduction = No NO_x reduction NOx Monitoring System = Continuous emissions monitoring system Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option CO Monitoring System = Continuous emissions monitoring system	
101HR15614	40 CFR Part 63, Subpart DDDDD	63DDDDD-1	Commence = Source is new (commenced construction after June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr	
101HR15615	30 TAC Chapter 117, Subchapter B	R7310-03	Unit Type = Process heater Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr Fuel Type #1 = Natural gas Fuel Type #2 = Gaseous fuel other than natural gas, landfill gas or renewable non-fossil fuel gases NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. NOx Emission Limit Basis = Emission limit basis is not a rolling 30-day average or a block one-hour average NOx Reduction = No NO_x reduction NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Monitoring System = Emissions are monitored using method other than CEMS or PEMS.	
101HR15615	40 CFR Part 63, Subpart DDDDD	63DDDDD-1	Commence = Source is new (commenced construction after June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr	
101HR15616	30 TAC Chapter 117, Subchapter B	R7310-05	Unit Type = Process heater Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr Fuel Type #1 = Natural gas Fuel Type #2 = Gaseous fuel other than natural gas, landfill gas or renewable non-fossil fuel gases Annual Heat Input = Annual heat input is less than or equal to 2.2 (10^{11}) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. NOx Emission Limit Basis = Emission limit basis is not a rolling 30-day average or a block one-hour average NOx Reduction = No NO_x reduction NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option CO Monitoring System = Emissions are monitored using method other than CEMS or PEMS.	
101HR15616	40 CFR Part 63, Subpart DDDDD	63DDDDD-1	Commence = Source is new (commenced construction after June 4, 2010) Table Applicability = The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr	
113HT16001	30 TAC Chapter 117, Subchapter B	R7310-05	Unit Type = Process heater Maximum Rated Capacity = MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr Fuel Type #1 = Natural gas Fuel Type #2 = Gaseous fuel other than natural gas, landfill gas or renewable non-fossil fuel gases Annual Heat Input = Annual heat input is less than or equal to 2.8 (10^{11}) Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. NOx Emission Limit Basis = Complying with the applicable emission limit using a block one-hour average NOx Reduction = No NO_x reduction NOx Monitoring System = Continuous emissions monitoring system Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option CO Monitoring System = Continuous emissions monitoring system	
042HR15601	40 CFR Part 60, Subpart Db	60Db-06	Construction/Modification Date = Reconstructed after February 28, 2005. Heat Input Capacity = Heat input capacity is greater than 100 MMBtu/hr (29 MW) but less than or equal to 250 MMBtu/hr (73 MW). Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da. Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281. Subpart Ea, Eb, AAAA, or CCCC = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA. Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK. Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines. Temporary Boiler = The steam-generating unit is not a temporary boiler D-Series Fuel Type #1 = Natural gas. D-Series Fuel Type #2 = Gaseous fossil fuel other than natural gas and coal-derived synthetic fuel meeting the definition of natural gas. Additional Applicability Requirement = The affected facility does not meet the applicability requirements of 40 CFR Part 60, Subparts J, Ja, E, or BB ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF. ACF Option - NOx = Other ACF or no ACF. 60.42b(k)(2) Low Sulfur Exemption = The § 60.42b(k)(2) exemption applies. Electrical or Mechanical Output = 10% or less of the annual output is electrical or mechanical. 60.49Da(n) Alternative = The facility is not using the § 60.49Da(n) alternative. 60.49Da(m) Alternative = The facility is not using the § 60.49Da(m) alternative.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Monitoring Type PM = No particulate monitoring. Monitoring Type PM (Opacity) = No particulate (opacity) monitoring. Monitoring Type NOx = Continuous emission monitoring system. Monitoring Type SO2 = Fuel certification (maintaining receipts per § 60.49b(r)(1)). Technology Type = No emerging or conventional technology is used to reduce or control SO2 emissions Unit Type = OTHER UNIT TYPE Heat Release Rate = Natural gas with a heat release rate less than or equal to 70 MBtu/hr/ft^3. Heat Input Gas/Oil = The facility combusts natural gas or distillate oil in excess of 30% of the heat input from the combustion of all fuels.	
050HR15011	40 CFR Part 60, Subpart Db	60Db-02	Construction/Modification Date = Constructed after July 9, 1997, and on or before February 28, 2005 Heat Input Capacity = Heat input capacity is greater than 100 MMBtu/hr (29 MW) but less than or equal to 250 MMBtu/hr (73 MW). Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da. Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281. Subpart Ea, Eb, AAAA, or CCCC = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA. Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK. Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines. Temporary Boiler = The steam-generating unit is not a temporary boiler D-Series Fuel Type #1 = Natural gas. Additional Applicability Requirement = The affected facility does not meet the applicability requirements of 40 CFR Part 60, Subparts J, Ja, E, or BB ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF. ACF Option - NOx = Other ACF or no ACF. Electrical or Mechanical Output = 10% or less of the annual output is electrical or mechanical. 60.49Da(n) Alternative = The facility is not using the § 60.49Da(n) alternative. 60.49Da(m) Alternative = The facility is not using the § 60.49Da(m) alternative. Monitoring Type PM = No particulate monitoring.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Monitoring Type PM (Opacity) = No particulate (opacity) monitoring. Monitoring Type NOx = Continuous emission monitoring system. Monitoring Type SO2 = Fuel certification (maintaining receipts per § 60.49b(r)(1)). Technology Type = No emerging or conventional technology is used to reduce or control SO2 emissions Unit Type = OTHER UNIT TYPE Heat Release Rate = Natural gas with a heat release rate less than or equal to 70 MBtu/hr/ft^3. Heat Input Gas/Oil = The facility combusts natural gas or distillate oil in excess of 30% of the heat input from the combustion of all fuels.	
053HT16001	40 CFR Part 60, Subpart Db	60Db-01	Construction/Modification Date = Reconstructed after February 28, 2005. Heat Input Capacity = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW).	
053HT16001	40 CFR Part 60, Subpart Dc	60Dc-06	Construction/Modification Date = After February 28, 2005. Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW). Applicability = Unit is not subject to other 40 CFR Part 60 subparts Heat Input Capacity = Heat input capacity is greater than 75 MMBtu/hr (22 MW). D-Series Fuel Type = Natural gas. D-Series Fuel Type = Other fuel. ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF. PM Monitoring Type = No particulate monitoring because there is no applicable PM emission limit SO2 Inlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit SO2 Outlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit Technology Type = No emerging or conventional technology is used to reduce or control SO2 emissions	
058HR15051	40 CFR Part 60, Subpart Dc	60Dc-02	Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005. Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW). Applicability = Unit is not subject to other 40 CFR Part 60 subparts Heat Input Capacity = Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW). D-Series Fuel Type = Natural gas. D-Series Fuel Type = Other fuel.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF. 30% Coal Duct Burner = The facility does not combust coal in a duct burner as part of a combined cycle system; or more than 30% of the heat is from combustion of coal and less than 70% is from exhaust gases entering the duct burner. PM Monitoring Type = No particulate monitoring because there is no applicable PM emission limit SO2 Inlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit SO2 Outlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit Technology Type = No emerging or conventional technology is used to reduce or control SO2 emissions 47C-Option = COMS exemption § 60.47c(f) for a facility that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority.	
089HR15002	40 CFR Part 60, Subpart Dc	60Dc-00	Construction/Modification Date = After February 28, 2005. Maximum Design Heat Input Capacity = Maximum design heat input capacity is less than 10 MMBtu/hr (2.9 MW). Applicability = Unit is not subject to other 40 CFR Part 60 subparts	
101HR15614	40 CFR Part 60, Subpart Db	60Db-05	Construction/Modification Date = Reconstructed after February 28, 2005. Heat Input Capacity = Heat input capacity is greater than 100 MMBtu/hr (29 MW) but less than or equal to 250 MMBtu/hr (73 MW). Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da. Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281. Subpart Ea, Eb, AAAA, or CCCC = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA. Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK. Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines. Temporary Boiler = The steam-generating unit is not a temporary boiler D-Series Fuel Type #1 = Natural gas. D-Series Fuel Type #2 = Gaseous fossil fuel other than natural gas and coal-derived synthetic fuel meeting the definition of natural gas.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Additional Applicability Requirement = The affected facility does not meet the applicability requirements of 40 CFR Part 60, Subparts J, Ja, E, or BB ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF. ACF Option - NOx = Other ACF or no ACF. 60.42b(k)(2) Low Sulfur Exemption = The § 60.42b(k)(2) exemption applies. Electrical or Mechanical Output = 10% or less of the annual output is electrical or mechanical. 60.49Da(n) Alternative = The facility is not using the § 60.49Da(n) alternative. 60.49Da(m) Alternative = The facility is not using the § 60.49Da(m) alternative. Monitoring Type PM = No particulate monitoring. Monitoring Type PM (Opacity) = No particulate (opacity) monitoring. Monitoring Type NOx = Continuous emission monitoring system. Monitoring Type SO2 = Fuel certification (maintaining receipts per § 60.49b(r)(1)). Technology Type = No emerging or conventional technology is used to reduce or control SO2 emissions Unit Type = OTHER UNIT TYPE Heat Release Rate = Natural gas with a heat release rate less than or equal to 70 MBtu/hr/ft^3. Heat Input Gas/Oil = The facility combusts natural gas or distillate oil in excess of 30% of the heat input from the combustion of all fuels.	
101HR15614	40 CFR Part 60, Subpart Dc	60Dc-01	Construction/Modification Date = After February 28, 2005. Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than 100 MMBtu/hr (29 MW).	
101HR15615	40 CFR Part 60, Subpart Dc	60Dc-02	Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005. Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW). Applicability = Unit is not subject to other 40 CFR Part 60 subparts Heat Input Capacity = Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW). D-Series Fuel Type = Natural gas. D-Series Fuel Type = Other fuel. ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF. 30% Coal Duct Burner = The facility does not combust coal in a duct burner as part of a combined cycle system; or more than 30% of the heat is from combustion of coal and less than 70% is from exhaust gases entering the duct burner.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			PM Monitoring Type = No particulate monitoring because there is no applicable PM emission limit SO2 Inlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit SO2 Outlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit Technology Type = No emerging or conventional technology is used to reduce or control SO2 emissions 47C-Option = COMS exemption § 60.47c(f) for a facility that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority.	
101HR15616	40 CFR Part 60, Subpart Db	60Db-01	Construction/Modification Date = Reconstructed after February 28, 2005. Heat Input Capacity = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW). Monitoring Type PM = No particulate monitoring. Monitoring Type PM (Opacity) = No particulate (opacity) monitoring. Monitoring Type NOx = No NO_x monitoring. Monitoring Type SO2 = No SO_2 monitoring. Technology Type = No emerging or conventional technology is used to reduce or control SO2 emissions Unit Type = OTHER UNIT TYPE Heat Release Rate = Natural gas with a heat release rate less than or equal to 70 MBtu/hr/ft^3. Heat Input Gas/Oil = The facility combusts natural gas or distillate oil in excess of 30% of the heat input from the combustion of all fuels.	
101HR15616	40 CFR Part 60, Subpart Dc	60Dc-07	Construction/Modification Date = After February 28, 2005. Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW). Applicability = Unit is not subject to other 40 CFR Part 60 subparts Heat Input Capacity = Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW). D-Series Fuel Type = Natural gas. D-Series Fuel Type = Other fuel. ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF. PM Monitoring Type = No particulate monitoring because there is no applicable PM emission limit SO2 Inlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			SO2 Outlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit Technology Type = No emerging or conventional technology is used to reduce or control SO2 emissions	
113HT16001	40 CFR Part 60, Subpart Dc	60Dc-08	Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005. Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW). Applicability = Unit is not subject to other 40 CFR Part 60 subparts Heat Input Capacity = Heat input capacity is greater than or equal to 30 MMBtu/hr (8.7 MW) but less than or equal to 75 MMBtu/hr (22 MW). D-Series Fuel Type = Natural gas. D-Series Fuel Type = Other fuel. ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF. PM Monitoring Type = No particulate monitoring because there is no applicable PM emission limit SO2 Inlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit SO2 Outlet Monitoring Type = No SO2 monitoring because there is no applicable SO2 emission limit Technology Type = No emerging or conventional technology is used to reduce or control SO2 emissions	
031SK25001	30 TAC Chapter 111, Visible Emissions	R1111-01	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	
031SK25001	40 CFR Part 60, Subpart A	60A-01	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5). Flare Assist Type = Air-assisted	
031SK25001	40 CFR Part 63, Subpart A	63A-00	Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63.	
061SK25001	30 TAC Chapter 111, Visible Emissions	R1111-01	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
061SK25001	30 TAC Chapter 115, HRVOC Vent Gas	R5722-01	Out of Service = Flare was not permanently out of service by April 1, 2006. Total Gas Stream = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time. Gas Stream Concentration = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time. Alternative Monitoring Approach = No alternative monitoring approaches as outlined in 115.725(m)(1) or 115.725(m)(2) are used. Modifications to Testing/Monitoring = No modifications to test methods or monitoring methods specified in this section. Flare Type = Flare is in multi-purpose service. Monitoring Requirements = Flare is complying with the continuous monitoring requirements of § 115.725(d). Tank Service = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC.	
061SK25001	40 CFR Part 60, Subpart A	60A-01	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5). Flare Assist Type = Air-assisted	
061SK25001	40 CFR Part 63, Subpart A	63A-00	Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63.	
107SK25401	30 TAC Chapter 111, Visible Emissions	R1111-01	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	
107SK25401	30 TAC Chapter 115, HRVOC Vent Gas	R5722-01	Out of Service = Flare was not permanently out of service by April 1, 2006. Total Gas Stream = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time. Gas Stream Concentration = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time. Alternative Monitoring Approach = No alternative monitoring approaches as outlined in 115.725(m)(1) or 115.725(m)(2) are used. Modifications to Testing/Monitoring = No modifications to test methods or monitoring methods specified in this section. Flare Type = Flare is in multi-purpose service. Monitoring Requirements = Flare is complying with the continuous monitoring requirements of § 115.725(d). Tank Service = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
107SK25401	40 CFR Part 60, Subpart A	60A-01	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5). Flare Assist Type = Air-assisted	
107SK25401	40 CFR Part 63, Subpart A	63A-01	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Air assisted	
359SK25001	30 TAC Chapter 111, Visible Emissions	R1111-01	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	
359SK25001	30 TAC Chapter 115, HRVOC Vent Gas	R5722-01	Out of Service = Flare was not permanently out of service by April 1, 2006. Total Gas Stream = Flare receives a total gas stream with greater than 100 ppmv HRVOC at some time. Gas Stream Concentration = Flare receives a gas stream containing 5% or greater HRVOC by weight at some time. Alternative Monitoring Approach = No alternative monitoring approaches as outlined in 115.725(m)(1) or 115.725(m)(2) are used. Modifications to Testing/Monitoring = No modifications to test methods or monitoring methods specified in this section. Flare Type = Flare is in multi-purpose service. Monitoring Requirements = Flare is complying with the continuous monitoring requirements of § 115.725(d). Tank Service = Flare is not in dedicated service for storage tanks with 95% or greater of an individual HRVOC.	
359SK25001	40 CFR Part 60, Subpart A	60A-01	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4)(i)-(iii) or (c)(5). Flare Assist Type = Air-assisted	
359SK25001	40 CFR Part 63, Subpart A	63A-01	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Air assisted	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
016HT16001 A	30 TAC Chapter 117, Subchapter B	R7310-03	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Duct burner used in turbine exhaust NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limit using a 30-day rolling average. NOx Reduction (ICI) = No NOx reduction NOx Monitoring System (ICI) = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Monitoring other than CEMS, PEMS or steam/fuel or water/fuel ratio monitoring.	
016HT16001 B	30 TAC Chapter 117, Subchapter B	R7310-03	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Duct burner used in turbine exhaust NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limit using a 30-day rolling average. NOx Reduction (ICI) = No NOx reduction NOx Monitoring System (ICI) = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Monitoring other than CEMS, PEMS or steam/fuel or water/fuel ratio monitoring.	
016HT16001 C	30 TAC Chapter 117, Subchapter B	R7310-03	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Duct burner used in turbine exhaust NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Averaging Method = Complying with the applicable emission limit using a 30-day rolling average. NOx Reduction (ICI) = No NOx reduction NOx Monitoring System (ICI) = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Monitoring other than CEMS, PEMS or steam/fuel or water/fuel ratio monitoring.	
024CM12001	30 TAC Chapter 117, Subchapter B	R7310-20	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Stationary gas turbine NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limits using a block one-hour average. NOx Reduction (ICI) = No NOx reduction NOx Monitoring System (ICI) = Continuous emissions monitoring system. Fuel Flow Monitoring = Unit operates with a NOx and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.240(a)(2)(A), 117.340(a)(2)(A) or 117.440(a)(2)(A) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).	
024CM12001	40 CFR Part 60, Subpart KKKK	60KKKK-09	Unit Type = Simple Combustion Turbine Construction/Modification Date = Turbine was constructed after February 18, 2005. Heat Input = Turbine has a heat input at peak load of at least 50 MMBtu/hr but less than 850 MMBtu/hr. Subject to Da = The combustion turbine is not located at an integrated gasification combined cycle electric utility steam generating unit subject to Subpart Da of Part 60. Service Type = Service other than emergency service, as defined in § 60.4420(i), or research and development. NOx Standard = The parts per million NO_x emission standard in Table 1 is being used. Fuel Type = 100% natural gas. 75% of Peak = The combustion turbine operates at less than 75% of peak load or at temperatures less than zero degrees F. 30 MW = The combustion turbine has an output of less than or equal to 30 MW.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOx Control = NO_x emissions are not being controlled by steam or water injection. NOx Monitoring = A diluent NO_x CEMS is used. Location = The turbine is not located in a noncontinental area nor in a continental area for which the Administrator has determined does not have access to natural gas and that the removal of sulfur compounds would do more environmental harm than benefit. SO_2 Standard = The heat input based SO_2 emission standard in § 60.4330(a)(2) or (a)(3) is being used. Fuel Monitoring = All fuels used are demonstrated not to exceed the potential emissions standard in § 60.4365. Fuel Quality = Fuel is demonstrated not to exceed emission standard by characteristics in purchase contract or tariff sheet. Performance Test = Sulfur content of the fuel combusted in the turbine is being periodically determined.	
024CM12001	40 CFR Part 63, Subpart YYYY	63YYYY-09	Construction/Reconstruction Date = Turbine was constructed, modified or reconstructed after 1/14/2003. Rate Peak Power Output = Power output rating is one megawatt or greater. Type of Service = Turbine is used in non-emergency service. Fuel Fired = Turbine is fired with natural gas. Turbine Combustion Process = Combustion process is lean-premix staged combustion. Oxidation Catalyst = The turbine is using continuous monitoring of Administrator approved parameters. Alternate Limitations = Petitioning for no additional operating limitations. Distillate Oil Fired = No quantity of distillate oil is used to fire any new or existing stationary combustion turbine which is located at the same major source as the gas-fired stationary turbine.	
058CM12010	30 TAC Chapter 117, Subchapter B	R7310-21	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Stationary gas turbine NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limit using a 30-day rolling average. NOx Reduction (ICI) = No NOx reduction NOx Monitoring System (ICI) = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Monitoring System = Monitoring other than CEMS, PEMS or steam/fuel or water/fuel ratio monitoring.	
058CM12010	40 CFR Part 60, Subpart KKKK	60KKKK-15	Unit Type = Simple Combustion Turbine Construction/Modification Date = Turbine was modified after February 18, 2005. Heat Input = Turbine has a heat input at peak load of at least 50 MMBtu/hr but less than 850 MMBtu/hr. Subject to Da = The combustion turbine is not located at an integrated gasification combined cycle electric utility steam generating unit subject to Subpart Da of Part 60. Service Type = Service other than emergency service, as defined in § 60.4420(i), or research and development. NOx Standard = The parts per million NO_x emission standard in Table 1 is being used. Fuel Type = 100% natural gas. 75% of Peak = The combustion turbine operates at less than 75% of peak load or at temperatures less than zero degrees F. 30 MW = The combustion turbine has an output of less than or equal to 30 MW. NOx Control = NO_x emissions are not being controlled by steam or water injection. NOx Monitoring = Compliance is demonstrated with annual performance tests. Location = The turbine is not located in a noncontinental area nor in a continental area for which the Administrator has determined does not have access to natural gas and that the removal of sulfur compounds would do more environmental harm than benefit. SO_2 Standard = The heat input based SO_2 emission standard in § 60.4330(a)(2) or (a)(3) is being used. Fuel Monitoring = All fuels used are demonstrated not to exceed the potential emissions standard in § 60.4365. Fuel Quality = Fuel is demonstrated not to exceed emission standard by characteristics in purchase contract or tariff sheet. Performance Test = Sulfur content of the fuel combusted in the turbine is being periodically determined.	
058CM12010	40 CFR Part 63, Subpart YYYY	63YYYY-10	Construction/Reconstruction Date = Turbine was constructed, modified or reconstructed after 1/14/2003. Rate Peak Power Output = Power output rating is one megawatt or greater. Type of Service = Turbine is used in non-emergency service. Fuel Fired = Turbine is fired with natural gas. Turbine Combustion Process = Combustion process is lean-premix staged combustion. Oxidation Catalyst = The turbine is using continuous monitoring of Administrator approved parameters. Alternate Limitations = Petitioning for no additional operating limitations. Distillate Oil Fired = No quantity of distillate oil is used to fire any new or existing stationary combustion turbine which is located at the same major source as the gas-fired stationary turbine.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP-TUR03	30 TAC Chapter 117, Subchapter B	R7310-03	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Stationary gas turbine NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limit using a 30-day rolling average. NOx Reduction (ICI) = No NOx reduction NOx Monitoring System (ICI) = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Monitoring other than CEMS, PEMS or steam/fuel or water/fuel ratio monitoring.	
GRP-TUR03	40 CFR Part 60, Subpart GG	60GG-03	Peak Load Heat Input = Heat Input is greater or equal to 10 MMBtu/hr (10.7 GJ/hr) and less than or equal to 100 MMBtu/hr (107.2 GJ/hr). Construction/Modification Date = On or after October 3, 1982 and before July 8, 2004. Turbine Cycle = Unit recovers heat from the gas turbine exhaust to preheat inlet combustion air. NOx Allowance = The owner or operator is not electing to use a NO_x allowance in determining emission limits in 40 CFR § 60.332(a). Sulfur Content = Compliance is demonstrated by determining the sulfur content of the fuel. Fuel Type Fired = Natural gas meeting the definition in § 60.331(u). Fuel Supply = Stationary gas turbine is supplied its fuel without intermediate bulk storage. Fuel Monitoring Schedule = Fuel meets the definition of natural gas in 40 CFR § 60.331(u) and is not monitored.	
GRP-TUR04	30 TAC Chapter 117, Subchapter B	R7310-04	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Stationary gas turbine NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limits using a block one-hour average. NOx Reduction (ICI) = No NOx reduction	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NOx Monitoring System (ICI) = Continuous emissions monitoring system. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).	
GRP-TUR04	40 CFR Part 60, Subpart GG	60GG-04	Peak Load Heat Input = Heat Input is greater or equal to 10 MMBtu/hr (10.7 GJ/hr) and less than or equal to 100 MMBtu/hr (107.2 GJ/hr). Construction/Modification Date = On or after October 3, 1982 and before July 8, 2004. Turbine Cycle = Unit recovers heat from the gas turbine exhaust to preheat inlet combustion air. NOx Allowance = The owner or operator is not electing to use a NO_x allowance in determining emission limits in 40 CFR § 60.332(a). Sulfur Content = Compliance is demonstrated by determining the sulfur content of the fuel. Fuel Type Fired = Natural gas meeting the definition in § 60.331(u). Fuel Supply = Stationary gas turbine is supplied its fuel without intermediate bulk storage. Fuel Monitoring Schedule = Fuel meets the definition of natural gas in 40 CFR § 60.331(u) and is not monitored.	
GRP-TUR05	30 TAC Chapter 117, Subchapter B	R7310-05	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Stationary gas turbine NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limit using a 30-day rolling average. NOx Reduction (ICI) = No NOx reduction NOx Monitoring System (ICI) = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Monitoring other than CEMS, PEMS or steam/fuel or water/fuel ratio monitoring.	
GRP-TUR05	40 CFR Part 60, Subpart GG	60GG-05	Peak Load Heat Input = Heat Input is greater or equal to 10 MMBtu/hr (10.7 GJ/hr) and less than or equal to 100 MMBtu/hr (107.2 GJ/hr). Construction/Modification Date = On or after October 3, 1982 and before July 8, 2004.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Turbine Cycle = Unit recovers heat from the gas turbine exhaust to preheat inlet combustion air. NOx Allowance = The owner or operator is not electing to use a NO_x allowance in determining emission limits in 40 CFR § 60.332(a). Sulfur Content = Compliance is demonstrated by determining the sulfur content of the fuel. Fuel Type Fired = Natural gas meeting the definition in § 60.331(u). Fuel Supply = Stationary gas turbine is supplied its fuel without intermediate bulk storage. Fuel Monitoring Schedule = Fuel meets the definition of natural gas in 40 CFR § 60.331(u) and is not monitored.	
GRP-TUR06	30 TAC Chapter 117, Subchapter B	R7310-06	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Stationary gas turbine NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limit using a 30-day rolling average. NOx Reduction (ICI) = No NOx reduction NOx Monitoring System (ICI) = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Monitoring other than CEMS, PEMS or steam/fuel or water/fuel ratio monitoring.	
GRP-TUR06	40 CFR Part 60, Subpart GG	60GG-06	Peak Load Heat Input = Heat Input is greater or equal to 10 MMBtu/hr (10.7 GJ/hr) and less than or equal to 100 MMBtu/hr (107.2 GJ/hr). Construction/Modification Date = On or after October 3, 1982 and before July 8, 2004. Turbine Cycle = Unit recovers heat from the gas turbine exhaust to preheat inlet combustion air. NOx Allowance = The owner or operator is not electing to use a NO_x allowance in determining emission limits in 40 CFR § 60.332(a). Sulfur Content = Compliance is demonstrated by determining the sulfur content of the fuel. Fuel Type Fired = Natural gas meeting the definition in § 60.331(u). Fuel Supply = Stationary gas turbine is supplied its fuel without intermediate bulk storage.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Fuel Monitoring Schedule = Fuel meets the definition of natural gas in 40 CFR § 60.331(u) and is not monitored.	
GRP-TUR06	40 CFR Part 63, Subpart YYYY	63YYYY-E	Construction/Reconstruction Date = Turbine was constructed, modified or reconstructed on or before 1/14/2003.	
GRP-TUR08	30 TAC Chapter 117, Subchapter B	R7310-08	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Stationary gas turbine NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limit using a 30-day rolling average. NOx Reduction (ICI) = Water or steam injection NOx Monitoring System (ICI) = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Monitoring other than CEMS, PEMS or steam/fuel or water/fuel ratio monitoring.	
GRP-TUR08	40 CFR Part 60, Subpart GG	60GG-08	Peak Load Heat Input = Heat Input is greater or equal to 10 MMBtu/hr (10.7 GJ/hr) and less than or equal to 100 MMBtu/hr (107.2 GJ/hr). Construction/Modification Date = On or after October 3, 1982 and before July 8, 2004. Turbine Cycle = Unit recovers heat from the gas turbine exhaust to preheat inlet combustion air. NOx Allowance = The owner or operator is not electing to use a NO_x allowance in determining emission limits in 40 CFR § 60.332(a). Sulfur Content = Compliance is demonstrated by determining the sulfur content of the fuel. Fuel Type Fired = Natural gas meeting the definition in § 60.331(u). Fuel Supply = Stationary gas turbine is supplied its fuel without intermediate bulk storage. Fuel Monitoring Schedule = Fuel meets the definition of natural gas in 40 CFR § 60.331(u) and is not monitored.	
GRP-TUR10	30 TAC Chapter 117, Subchapter B	R7310-10	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Stationary gas turbine NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limits using a block one-hour average. NOx Reduction (ICI) = Water or steam injection NOx Monitoring System (ICI) = Continuous emissions monitoring system. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).	
GRP-TUR10	40 CFR Part 60, Subpart GG	60GG-07	Peak Load Heat Input = Heat Input is greater or equal to 10 MMBtu/hr (10.7 GJ/hr) and less than or equal to 100 MMBtu/hr (107.2 GJ/hr). Construction/Modification Date = On or after October 3, 1982 and before July 8, 2004. Turbine Cycle = Unit does not recover heat from the gas turbine exhaust to preheat inlet combustion air; or to heat water or generate steam. Subpart GG Service Type = Type of service other than research and development, emergency, military or electrical utility generation. NOx Control Method = No NO_x control method is used. NOx Monitoring Method = Continuous emission monitoring system. NOx Allowance = The owner or operator is not electing to use a NO_x allowance in determining emission limits in 40 CFR § 60.332(a). Sulfur Content = Compliance is demonstrated by determining the sulfur content of the fuel. Fuel Type Fired = Natural gas meeting the definition in § 60.331(u). Fuel Supply = Stationary gas turbine is supplied its fuel without intermediate bulk storage. Fuel Monitoring Schedule = Fuel meets the definition of natural gas in 40 CFR § 60.331(u) and is not monitored.	
GRP-TUR10	40 CFR Part 63, Subpart YYYY	63YYYY-E	Construction/Reconstruction Date = Turbine was constructed, modified or reconstructed on or before 1/14/2003.	
GRP-TUR11	30 TAC Chapter 117, Subchapter B	R7310-11	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Stationary gas turbine NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Averaging Method = Complying with the applicable emission limit using a 30-day rolling average. NOx Reduction (ICI) = No NOx reduction NOx Monitoring System (ICI) = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Monitoring other than CEMS, PEMS or steam/fuel or water/fuel ratio monitoring.	
GRP-TUR11	40 CFR Part 60, Subpart KKKK	60KKKK-11	Unit Type = Simple Combustion Turbine Construction/Modification Date = Turbine was modified after February 18, 2005. Heat Input = Turbine has a heat input at peak load of at least 10 MMBtu per hour but less than 50 MMBtu per hour. Subject to Da = The combustion turbine is not located at an integrated gasification combined cycle electric utility steam generating unit subject to Subpart Da of Part 60. Service Type = Service other than emergency service, as defined in § 60.4420(i), or research and development. NOx Standard = The parts per million NO_x emission standard in Table 1 is being used. Fuel Type = 100% natural gas. 75% of Peak = The combustion turbine operates at less than 75% of peak load or at temperatures less than zero degrees F. 30 MW = The combustion turbine has an output of less than or equal to 30 MW. Turbine Use = Turbine is used for electric generation. NOx Control = NO_x emissions are not being controlled by steam or water injection. NOx Monitoring = Compliance is demonstrated with annual performance tests. Location = The turbine is not located in a noncontinental area nor in a continental area for which the Administrator has determined does not have access to natural gas and that the removal of sulfur compounds would do more environmental harm than benefit. SO_2 Standard = The heat input based SO_2 emission standard in § 60.4330(a)(2) or (a)(3) is being used. Fuel Monitoring = All fuels used are demonstrated not to exceed the potential emissions standard in § 60.4365. Fuel Quality = Fuel is demonstrated not to exceed emission standard by characteristics in purchase contract or tariff sheet. Performance Test = Sulfur content of the fuel combusted in the turbine is being periodically determined.	
GRP-TUR11	40 CFR Part 63, Subpart YYYY	63YYYY-E	Construction/Reconstruction Date = Turbine was constructed, modified or reconstructed on or before 1/14/2003.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP-TUR13	30 TAC Chapter 117, Subchapter B	R7310-13	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Stationary gas turbine NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limit using a 30-day rolling average. NOx Reduction (ICI) = No NOx reduction NOx Monitoring System (ICI) = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Monitoring other than CEMS, PEMS or steam/fuel or water/fuel ratio monitoring.	
GRP-TUR13	40 CFR Part 60, Subpart KKKK	60KKKK-13	Unit Type = Simple Combustion Turbine Construction/Modification Date = Turbine was modified after February 18, 2005. Heat Input = Turbine has a heat input at peak load of at least 10 MMBtu per hour but less than 50 MMBtu per hour. Subject to Da = The combustion turbine is not located at an integrated gasification combined cycle electric utility steam generating unit subject to Subpart Da of Part 60. Service Type = Service other than emergency service, as defined in § 60.4420(i), or research and development. NOx Standard = The parts per million NO_x emission standard in Table 1 is being used. Fuel Type = 100% natural gas. 75% of Peak = The combustion turbine operates at less than 75% of peak load or at temperatures less than zero degrees F. 30 MW = The combustion turbine has an output of less than or equal to 30 MW. Turbine Use = Turbine is used for mechanical drive. NOx Control = NO_x emissions are not being controlled by steam or water injection. NOx Monitoring = Compliance is demonstrated with annual performance tests. Location = The turbine is not located in a noncontinental area nor in a continental area for which the Administrator has determined does not have access to natural gas and that the removal of sulfur compounds would do more environmental harm than benefit. SO_2 Standard = The heat input based SO_2 emission standard in § 60.4330(a)(2) or (a)(3) is being used. Fuel Monitoring = All fuels used are demonstrated not to exceed the potential emissions standard in § 60.4365.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Fuel Quality = Fuel is demonstrated not to exceed emission standard by characteristics in purchase contract or tariff sheet. Performance Test = Sulfur content of the fuel combusted in the turbine is being periodically determined.	
GRP-TUR13	40 CFR Part 63, Subpart YYYY	63YYYY-E	Construction/Reconstruction Date = Turbine was constructed, modified or reconstructed on or before 1/14/2003.	
GRP-TUR14	30 TAC Chapter 117, Subchapter B	R7310-14	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Stationary gas turbine NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limit using a 30-day rolling average. NOx Reduction (ICI) = No NOx reduction NOx Monitoring System (ICI) = Maximum emission rate testing. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Monitoring other than CEMS, PEMS or steam/fuel or water/fuel ratio monitoring.	
GRP-TUR14	40 CFR Part 60, Subpart KKKK	60KKKK-14	Unit Type = Simple Combustion Turbine Construction/Modification Date = Turbine was constructed after February 18, 2005. Heat Input = Turbine has a heat input at peak load of at least 10 MMBtu per hour but less than 50 MMBtu per hour. Subject to Da = The combustion turbine is not located at an integrated gasification combined cycle electric utility steam generating unit subject to Subpart Da of Part 60. Service Type = Service other than emergency service, as defined in § 60.4420(i), or research and development. NOx Standard = The parts per million NO_x emission standard in Table 1 is being used. Fuel Type = 100% natural gas. 75% of Peak = The combustion turbine operates at less than 75% of peak load or at temperatures less than zero degrees F. 30 MW = The combustion turbine has an output of less than or equal to 30 MW. Turbine Use = Turbine is used for mechanical drive. NOx Control = NO_x emissions are not being controlled by steam or water injection. NOx Monitoring = Compliance is demonstrated with annual performance tests.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Location = The turbine is not located in a noncontinental area nor in a continental area for which the Administrator has determined does not have access to natural gas and that the removal of sulfur compounds would do more environmental harm than benefit. SO_2 Standard = The heat input based SO_2 emission standard in § 60.4330(a)(2) or (a)(3) is being used. Fuel Monitoring = All fuels used are demonstrated not to exceed the potential emissions standard in § 60.4365. Fuel Quality = Fuel is demonstrated not to exceed emission standard by characteristics in purchase contract or tariff sheet. Performance Test = Sulfur content of the fuel combusted in the turbine is being periodically determined.	
GRP-TUR14	40 CFR Part 63, Subpart YYYY	63YYYY-E	Construction/Reconstruction Date = Turbine was constructed, modified or reconstructed on or before 1/14/2003.	
GRP-TUR15	30 TAC Chapter 117, Subchapter B	R7310-15	Megawatt Rating = MR is greater than or equal to 1 MW and less than 10 MW and unit is not an opt-in unit. Service Type (ICI) = Stationary gas turbine NOx Emission Limitation (ICI) = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11). EGF System Cap Unit = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid. Averaging Method = Complying with the applicable emission limits using a block one-hour average. NOx Reduction (ICI) = No NOx reduction NOx Monitoring System (ICI) = Continuous emissions monitoring system. Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.240(a)(1), 117.340(a) or 117.440(a) CO Emission Limitation = Title 30 TAC § 117.310(c)(1). CO Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).	
GRP-TUR15	40 CFR Part 60, Subpart GG	60GG-15	Peak Load Heat Input = Heat Input is greater or equal to 10 MMBtu/hr (10.7 GJ/hr) and less than or equal to 100 MMBtu/hr (107.2 GJ/hr). Construction/Modification Date = On or after October 3, 1982 and before July 8, 2004. Turbine Cycle = Unit recovers heat from the gas turbine exhaust to preheat inlet combustion air. Sulfur Content = Compliance is demonstrated by determining the sulfur content of the fuel. Fuel Type Fired = Natural gas meeting the definition in § 60.331(u). Fuel Supply = Stationary gas turbine is supplied its fuel without intermediate bulk storage.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Fuel Monitoring Schedule = Fuel meets the definition of natural gas in 40 CFR § 60.331(u) and is not monitored.	
FUG-01201	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-02	Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Pumps with Shaft Seal System = Pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Process Drains = The fugitive unit does not contain process drains. Pressure Relief Valves = The fugitive unit contains pressure relief valves. ACR = No pressure relief valves are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9). Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. ACR = No open-ended valves or lines are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Bypass Line Valves = The fugitive unit contains bypass line valves. ACR = No bypass line valves are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Bypass line valves are complying with the requirements of § 115.781(b)(9). Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No valves (other than pressure relief, open-ended, and bypass line) are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Valves (other than pressure relief, open-ended, and bypass line) are complying with the requirements of § 115.781(b)(9). Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. ACR = No flanges or other connectors are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Flanges or other connectors are complying with the requirements of § 115.781(b)(9). Compressor Seals = The fugitive unit does not contain compressor seals.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Pump Seals = The fugitive unit contains pump seals. ACR = No pump seals are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Pump seals are complying with the requirements of § 115.781(b)(9). Agitators = The fugitive unit does not contain agitators. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. ACR = No heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, or covers and seals on VOC water separators are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, or covers and seals on VOC water separators are complying with the requirements of § 115.781(b)(9). Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358.	
FUG-01201	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5357-01	Title 30 TAC § 115.352 Applicable = The site contains a petroleum refinery, a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process as defined in 30 TAC § 115.10 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 10% VOC by weight. Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks. Instrumentation Systems = The fugitive unit does not have instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. TVP 0.002 PSIA or Less = The fugitive unit does not have components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit. Process Drains = The fugitive unit does not have process drains. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an	

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

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Compressor Seals = The fugitive unit contains compressor seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested. Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume. Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Compressor seals contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 psia at 68°F = Compressor seals do not contact a process fluid containing VOC having a true vapor pressure greater than 0.044 psia at 68 degrees Fahrenheit Pump Seals = The fugitive unit contains pump seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1). Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 psia at 68°F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit TVP of Process Fluid VOC > 0.044 psia at 68°F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures greater than 0.044 psia at 68 degrees Fahrenheit Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	
FUG-01201	40 CFR Part 60, Subpart VV	60VV-01	Produces Chemicals = The fugitive unit is part of a facility that produces as an intermediate or final product one or more of the chemicals listed in 40 CFR § 60.489. Affected Facility = The fugitive unit is part of a facility that is an affected facility as defined in 40 CFR § 60.480(a)(2). Construction/Modification Date = After January 5, 1981 and on or before November 7, 2006. Compliance Option = Choosing to comply with the provisions of 40 CFR Part 60, Subpart VV. Design Capacity = Site with a design capacity is greater than or equal to 1,000 Mg/yr.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Produces Heavy Liquid Chemicals = The facility produces chemicals other than or in addition to heavy liquid chemicals only from heavy liquid feed or raw materials. Beverage Alcohol Production = The facility does not produce only beverage alcohol. Equipment in VOC Service = The fugitive unit contains equipment designed to operate in VOC service. Vacuum Service = The fugitive unit contains equipment in vacuum service. VOC Service = Fugitive unit contains equipment designed to operate in VOC service less than 300 hours per year. Pumps in Light Liquid Service = The fugitive unit contains pumps in light liquid service. Equivalent Emission Limitation = No equivalent emission limitation is used for pumps in light liquid service. Complying with 40 CFR § 60.482-2 = Pumps in light liquid service are complying with § 60.482-2. Compressors = The fugitive unit does not contain compressors. Pressure Relief Devices in Gas/Vapor Service = The fugitive unit contains pressure relief devices in gas/vapor service. Sampling Connection Systems = The fugitive unit contains sampling connection systems. Equivalent Emission Limitation = No equivalent emission limitation is used for sampling connection systems. Complying with 40 CFR § 60.482-5 = Sampling connection systems are complying with § 60.482-5. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Equivalent Emission Limitation = No equivalent emission limitation is used for open-ended valves or lines. Complying with 40 CFR § 60.482-6 = Open-ended valves or lines are complying with § 60.482-6. Valves in Gas/Vapor or Light Liquid Service = The fugitive unit contains valves in gas/vapor or light liquid service. 2.0% = The fugitive unit is not complying with an allowable percentage of valves leaking equal to or less than 2.0%. Equivalent Emission Limitation = No equivalent emission limitation is used for valves in gas/vapor or light liquid service. Complying with 40 CFR § 60.482-7 = Valves in gas/vapor or light liquid service are complying with § 60.482-7. Pumps in Heavy Liquid Service = The fugitive unit does not contain pumps in heavy liquid service. Valves in Heavy Liquid Service = The fugitive unit does not contain valves in heavy liquid service. Pressure Relief Devices in Heavy or Light Liquid Service = Fugitive unit contains pressure relief devices in heavy or light liquid service.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Equivalent Emission Limitation = No equivalent emission limitation is used for pressure relief devices in heavy or light liquid service. Complying with 40 CFR § 60.482-8 = Pressure relief devices in heavy or light liquid service are complying with the requirements of § 60.482-8. Flanges and Other Connectors = The fugitive unit contains flanges and other connectors. Equivalent Emission Limitation = No equivalent emission limitation is used for flanges and other connectors. Complying with 40 CFR § 60.482-8 = Flanges and other connectors are complying with § 60.482-8. Vapor Recovery System = The fugitive unit does not contain vapor recovery systems. Enclosed Combustion Device = The fugitive unit does not contain enclosed combustion devices. Flare = The fugitive unit contains flares. Equivalent Emission Limitation = No equivalent emission limitation is used for flares. Complying with 40 CFR § 60.482-10 = Flares are complying with § 60.482-10. Closed Vent (or Vapor Collection) Systems = The fugitive unit contains closed vent or vapor collection systems. Equivalent Emission Limitation = No equivalent emission limitation is used for closed vent or vapor collection systems. Complying with 40 CFR § 60.482-10 = Closed vent or vapor collection systems are complying with § 60.482-10.	
FUG-01201	40 CFR Part 63, Subpart H	63H-01	EQUIPMENT TYPE = FUGITIVE UNIT CONTAINS EQUIPMENT LISTED IN 40 CFR § 63.160(A) WHICH IS OPERATED IN ORGANIC HAZARDOUS AIR POLLUTANT SERVICE NON RESEARCH AND DEVELOPMENT/BATCH PROCESSES = FUGITIVE UNIT CONTAINS PROCESSES OTHER THAN RESEARCH AND DEVELOPMENT FACILITIES AND BENCH-SCALE BATCH PROCESSES VACUUM SERVICE = NOT ALL OF THE EQUIPMENT IN THE FUGITIVE UNIT IS IN VACUUM SERVICE LESS THAN 300 OPERATING HOURS = THE FUGITIVE UNIT CONTAINS ANY EQUIPMENT IN ORGANIC HAZARDOUS AIR POLLUTANT (HAP) SERVICE THAT IS INTENDED TO OPERATE LESS THAN 300 HOURS PER CALENDAR YEAR HEAVY LIQUID SERVICE = NONE OF THE EQUIPMENT IN ORGANIC HAP SERVICE THAT IS INTENDED TO OPERATE LESS THAN 300 HOURS PER CALENDAR YEAR IS IN HEAVY LIQUID SERVICE AMEL = FUGITIVE UNIT SOURCE OWNER/OPERATOR IS NOT ELECTING TO COMPLY WITH AN ALTERNATIVE MEANS OF EMISSION LIMITATION (AMEL) LIGHT LIQUID SERVICE (PUMPS) = COMPONENT PRESENT HEAVY LIQUID SERVICE (PUMPS) = COMPONENT NOT PRESENT ANY (COMPRESSORS) = COMPONENT PRESENT GAS VAPOR SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT PRESENT	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			LIQUID SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT NOT PRESENT ANY (SAMPLING CONNECTION SYSTEMS) = COMPONENT PRESENT HEAVY LIQUID SERVICE (SAMPLING CONNECTION SYSTEMS) = COMPONENT NOT PRESENT ANY (OPEN-ENDED VALVES OR LINES) = COMPONENT PRESENT HEAVY LIQUID SERVICE (OPEN-ENDED VALVES OR LINES) = COMPONENT NOT PRESENT GAS/VAPOR OR LIGHT LIQUID SERVICE (VALVES) = COMPONENT PRESENT HEAVY LIQUID SERVICE (VALVES) = COMPONENT NOT PRESENT GAS/VAPOR OR LIGHT LIQUID SERVICE (CONNECTORS) = COMPONENT PRESENT HEAVY LIQUID SERVICE (CONNECTORS) = COMPONENT NOT PRESENT GAS/VAPOR OR LIGHT LIQUID SERVICE (AGITATORS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (AGITATORS) = COMPONENT NOT PRESENT ANY (INSTRUMENTATION SYSTEMS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (INSTRUMENTATION SYSTEMS = COMPONENT NOT PRESENT ANY (SURGE CONTROL VESSELS OR BOTTOMS RECEIVERS) = COMPONENT PRESENT HEAVY LIQUID SERVICE (SURGE CONTROL VESSELS OR BOTTOMS RECEIVERS) = COMPONENT NOT PRESENT ANY (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT ENCLOSED COMBUSTION DEVICES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT FLARES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT BYPASS LINES = FUGITIVE UNIT WITH A CLOSED-VENT SYSTEM DOES NOT CONTAIN A BY-PASS LINE THAT COULD DIVERT A VENT STREAM AWAY FROM THE CONTROL DEVICE AND TO THE ATMOSPHERE UNSAFE TO INSPECT = FOR A FUGITIVE UNIT THAT CONTAINS ANY CLOSED-VENT SYSTEM, THERE ARE NO PARTS DESIGNATED AS UNSAFE TO INSPECT DIFFICULT TO INSPECT = FUGITIVE UNIT CONTAINS ANY CLOSED-VENT SYSTEM WITH PARTS DESIGNATED AS DIFFICULT TO INSPECT EMPLOYEE NUMBER = THE CORPORATION EMPLOYS 100 OR MORE PERSONS	
FUG-04031	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5357-01	Title 30 TAC § 115.352 Applicable = The site contains a petroleum refinery, a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process as defined in 30 TAC § 115.10	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 10% VOC by weight. Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks. Instrumentation Systems = The fugitive unit does not have instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. TVP 0.002 PSIA or Less = The fugitive unit does not have components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit. Process Drains = The fugitive unit does not have process drains. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested. Complying with § 115.352(1) = Pressure relief valves are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 psia at 68° F = No pressure relief valves contact a process fluid with a TVP of less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Open-ended Valves = The fugitive unit contains open-ended valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested. Complying with § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Open-ended valves or lines do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Open-ended valves contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines.	

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

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1). Shaft Seal System = Pump seals are equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 psia at 68°F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit TVP of Process Fluid VOC > 0.044 psia at 68°F = Pump seals contact a process fluid containing VOC having a true vapor pressures greater than 0.044 psia at 68 degrees Fahrenheit. Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	
FUG-04031	40 CFR Part 60, Subpart OOOO	60OOOO-01	Subject to Another Subpart = Fugitive unit is subject to 40 CFR Part 60, Subpart VVa Construction/Modification Date = After 8/23/2011 and on/before 9/18/2015	
FUG-04031	40 CFR Part 60, Subpart VVa	60VVa-01	Produces Chemicals = The facility produces, as an intermediate or final product, one or more of the chemicals listed in 40 CFR § 60.489a. Affected Facility = The facility is an affected facility as defined in 40 CFR § 60.480a(a)(2). Construction/Modification Date = After November 7, 2006. Compliance Option = Choosing to comply with the provisions of 40 CFR Part 60, Subpart VVa. Design Capacity = Site with a design capacity greater than or equal to 1,000 Mg/yr. Facility Type = Facility does not qualify for one of the exemptions in § 60.480a(d). Pumps in Light Liquid Service = Fugitive unit contains pumps in light liquid service. EEL = No equivalent emission limitation is used for pumps in light liquid service. Complying with 60.482-2a = Pumps in light liquid service are complying with the requirements of § 60.482-2a. Compressors = Fugitive unit contains compressors. EEL = No equivalent emission limitation is used for compressors. Complying with 60.482-3a = Compressors are complying with the requirements of § 60.482-3a. Pressure Relief Devices in Gas/Vapor Service = Fugitive unit contains pressure relief devices in gas/vapor service. Sampling Connection Systems = Fugitive unit contains sampling connection systems. EEL = No equivalent emission limitation is used for sampling connection systems. Complying with 60.482-5a = Sampling connection systems are complying with the requirements of § 60.482-5a. Open-Ended Valves = Fugitive unit contains open-ended valves. EEL = No equivalent emission limitation is used for open-ended valves.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with 60.482-6a = Open-ended valves are complying with the requirements of § 60.482-6a. Valves in Gas/Vapor or Light Liquid Service = Fugitive unit contains valves in gas/vapor or light liquid service. 2.0 % = The owner or operator is not electing to comply with an allowable percentage of valves leaking equal to or less than 2.0%. EEL = No equivalent emission limitation is used for valves in gas/vapor or light liquid service. Complying with 60.482-7a = Valves in gas/vapor or light liquid service are complying with the requirements of § 60.482-7a. Pumps in Heavy Liquid Service = Fugitive unit does not contain pumps in heavy liquid service. Valves in Heavy Liquid Service = Fugitive unit does not contain valves in heavy liquid service. Pressure Relief Devices in Heavy or Light Liquid Service = Fugitive unit does not contain pressure relief devices in heavy or light liquid service. Connectors in Heavy Liquid Service = Fugitive unit does not contain connectors in heavy liquid service. Vapor Recovery System = Fugitive unit does not contain vapor recovery system. Enclosed Combustion Device = Fugitive unit does not contain an enclosed combustion device. Flare = Fugitive unit does not contain flares. CVS = Fugitive unit does not contain closed vent systems. Connectors in Gas/Vapor or Light Liquid Service = Fugitive unit contains connectors in gas/vapor or light liquid service.	
FUG-04062	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-01	Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Pumps with Shaft Seal System = Pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Process Drains = The fugitive unit does not contain process drains. Pressure Relief Valves = The fugitive unit contains pressure relief valves. ACR = No pressure relief valves are complying with an alternate control requirement.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9). Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. ACR = No open-ended valves or lines are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Bypass Line Valves = The fugitive unit does not contain bypass line valves. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No valves (other than pressure relief, open-ended, and bypass line) are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Valves (other than pressure relief, open-ended, and bypass line) are complying with the requirements of § 115.781(b)(9). Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. ACR = No flanges or other connectors are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Flanges or other connectors are complying with the requirements of § 115.781(b)(9). Compressor Seals = The fugitive unit contains compressor seals. ACR = No compressor seals are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Compressor seals are complying with the requirements of § 115.781(b)(9). Pump Seals = The fugitive unit contains pump seals. ACR = No pump seals are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Pump seals are complying with the requirements of § 115.781(b)(9). Agitators = The fugitive unit does not contain agitators. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. ACR = No heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, or covers and seals on VOC water separators are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, or covers and seals on VOC water separators are complying with the requirements of § 115.781(b)(9). Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FUG-04062	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5357-01	Title 30 TAC § 115.352 Applicable = The site contains a natural gas/gasoline processing operation as defined in 30 TAC § 115.10 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 1.0% VOC by weight. Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks. Instrumentation Systems = The fugitive unit does not have instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. TVP 0.002 PSIA or Less = The fugitive unit does not have components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit. Process Drains = The fugitive unit does not have process drains. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested. Complying with § 115.352(1) = Pressure relief valves are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP of less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = No pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Open-ended Valves = The fugitive unit contains open-ended valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested. Complying with § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Open-ended valves or lines contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Open-ended valves do not contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for valves or no alternate has been requested. Complying with § 115.352(1) = Valves are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 psia at 68° F = Valves contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = No valves contact a process fluid with a TVP greater than 0.044 psia at 68° F. Flanges = The fugitive unit contains flanges. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for flanges or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Flanges do not contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Agitators = The fugitive unit does not contain agitators. Compressor Seals = The fugitive unit contains compressor seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested. Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume. Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Compressor seals contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 psia at 68°F = Compressor seals do not contact a process fluid containing VOC having a true vapor pressure greater than 0.044 psia at 68 degrees Fahrenheit	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Pump Seals = The fugitive unit contains pump seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1). Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 psia at 68°F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit TVP of Process Fluid VOC > 0.044 psia at 68°F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures greater than 0.044 psia at 68 degrees Fahrenheit Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	
FUG-04062	40 CFR Part 63, Subpart EEEE	63EEEE-01	Means of Compliance = Equipment leaks are controlled according to applicable requirements in 40 CFR Part 63, Subpart TT, excluding alternative means of emission limitation Valves in Light Liquid Service = Fugitive unit contains valves in light liquid service Valves in Heavy Liquid Service = Fugitive unit does not contain valves in heavy liquid service Pumps in Light Liquid Service = Fugitive unit contains pumps in light liquid service Pumps in Heavy Liquid Service = Fugitive unit does not contain pumps in heavy liquid service Sampling Connection Systems = Fugitive unit contains sampling connection systems Open-ended Valves = Fugitive unit does not contain open-ended valves	
FUG-52013	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5357-01	Title 30 TAC § 115.352 Applicable = The site contains a natural gas/gasoline processing operation as defined in 30 TAC § 115.10 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 1.0% VOC by weight. Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks. Instrumentation Systems = The fugitive unit does not have instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP 0.002 PSIA or Less = The fugitive unit does not have components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit. Process Drains = The fugitive unit does not have process drains. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested. Complying with § 115.352(1) = Pressure relief valves are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP of less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = No pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Open-ended Valves = The fugitive unit contains open-ended valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested. Complying with § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Open-ended valves or lines contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Open-ended valves do not contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for valves or no alternate has been requested. Complying with § 115.352(1) = Valves are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 psia at 68° F = Valves contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = No valves contact a process fluid with a TVP greater than 0.044 psia at 68° F. Flanges = The fugitive unit contains flanges. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			alternate control requirement or exemption criteria for flanges or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Flanges do not contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Agitators = The fugitive unit does not contain agitators. Compressor Seals = The fugitive unit contains compressor seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested. Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume. Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Compressor seals contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 psia at 68°F = Compressor seals do not contact a process fluid containing VOC having a true vapor pressure greater than 0.044 psia at 68 degrees Fahrenheit Pump Seals = The fugitive unit contains pump seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1). Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 psia at 68°F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit TVP of Process Fluid VOC > 0.044 psia at 68°F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures greater than 0.044 psia at 68 degrees Fahrenheit Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FUG-52013	40 CFR Part 60, Subpart VV	60VV-01	Produces Chemicals = The fugitive unit is part of a facility that produces as an intermediate or final product one or more of the chemicals listed in 40 CFR § 60.489. Affected Facility = The fugitive unit is part of a facility that is an affected facility as defined in 40 CFR § 60.480(a)(2). Construction/Modification Date = After January 5, 1981 and on or before November 7, 2006. Compliance Option = Choosing to comply with the provisions of 40 CFR Part 60, Subpart VV. Design Capacity = Site with a design capacity is greater than or equal to 1,000 Mg/yr. Produces Heavy Liquid Chemicals = The facility produces chemicals other than or in addition to heavy liquid chemicals only from heavy liquid feed or raw materials. Beverage Alcohol Production = The facility does not produce only beverage alcohol. Equipment in VOC Service = The fugitive unit contains equipment designed to operate in VOC service. Vacuum Service = The fugitive unit contains equipment in vacuum service. VOC Service = Fugitive unit contains equipment designed to operate in VOC service less than 300 hours per year. Pumps in Light Liquid Service = The fugitive unit contains pumps in light liquid service. Equivalent Emission Limitation = No equivalent emission limitation is used for pumps in light liquid service. Complying with 40 CFR § 60.482-2 = Pumps in light liquid service are complying with § 60.482-2. Compressors = The fugitive unit does not contain compressors. Pressure Relief Devices in Gas/Vapor Service = The fugitive unit contains pressure relief devices in gas/vapor service. Sampling Connection Systems = The fugitive unit contains sampling connection systems. Equivalent Emission Limitation = No equivalent emission limitation is used for sampling connection systems. Complying with 40 CFR § 60.482-5 = Sampling connection systems are complying with § 60.482-5. Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. Equivalent Emission Limitation = No equivalent emission limitation is used for open-ended valves or lines. Complying with 40 CFR § 60.482-6 = Open-ended valves or lines are complying with § 60.482-6. Valves in Gas/Vapor or Light Liquid Service = The fugitive unit contains valves in gas/vapor or light liquid service. 2.0% = The fugitive unit is not complying with an allowable percentage of valves leaking equal to or less than 2.0%. Equivalent Emission Limitation = No equivalent emission limitation is used for valves in gas/vapor or light liquid service.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with 40 CFR § 60.482-7 = Valves in gas/vapor or light liquid service are complying with § 60.482-7. Pumps in Heavy Liquid Service = The fugitive unit does not contain pumps in heavy liquid service. Valves in Heavy Liquid Service = The fugitive unit does not contain valves in heavy liquid service. Pressure Relief Devices in Heavy or Light Liquid Service = Fugitive unit contains pressure relief devices in heavy or light liquid service. Equivalent Emission Limitation = No equivalent emission limitation is used for pressure relief devices in heavy or light liquid service. Complying with 40 CFR § 60.482-8 = Pressure relief devices in heavy or light liquid service are complying with the requirements of § 60.482-8. Flanges and Other Connectors = The fugitive unit contains flanges and other connectors. Equivalent Emission Limitation = No equivalent emission limitation is used for flanges and other connectors. Complying with 40 CFR § 60.482-8 = Flanges and other connectors are complying with § 60.482-8. Vapor Recovery System = The fugitive unit does not contain vapor recovery systems. Enclosed Combustion Device = The fugitive unit does not contain enclosed combustion devices. Flare = The fugitive unit contains flares. Equivalent Emission Limitation = No equivalent emission limitation is used for flares. Complying with 40 CFR § 60.482-10 = Flares are complying with § 60.482-10. Closed Vent (or Vapor Collection) Systems = The fugitive unit contains closed vent or vapor collection systems. Equivalent Emission Limitation = No equivalent emission limitation is used for closed vent or vapor collection systems. Complying with 40 CFR § 60.482-10 = Closed vent or vapor collection systems are complying with § 60.482-10.	
FUG-52024	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-01	Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Pumps with Shaft Seal System = Pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Process Drains = The fugitive unit does not contain process drains. Pressure Relief Valves = The fugitive unit contains pressure relief valves. ACR = No pressure relief valves are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9). Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. ACR = No open-ended valves or lines are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Bypass Line Valves = The fugitive unit does not contain bypass line valves. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No valves (other than pressure relief, open-ended, and bypass line) are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Valves (other than pressure relief, open-ended, and bypass line) are complying with the requirements of § 115.781(b)(9). Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. ACR = No flanges or other connectors are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Flanges or other connectors are complying with the requirements of § 115.781(b)(9). Compressor Seals = The fugitive unit contains compressor seals. ACR = No compressor seals are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Compressor seals are complying with the requirements of § 115.781(b)(9). Pump Seals = The fugitive unit contains pump seals. ACR = No pump seals are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Pump seals are complying with the requirements of § 115.781(b)(9). Agitators = The fugitive unit does not contain agitators. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. ACR = No heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, or covers and seals on VOC water separators are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			vents, or covers and seals on VOC water separators are complying with the requirements of § 115.781(b)(9). Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358.	
FUG-52024	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5357-01	Title 30 TAC § 115.352 Applicable = The site contains a natural gas/gasoline processing operation as defined in 30 TAC § 115.10 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 1.0% VOC by weight. Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks. Instrumentation Systems = The fugitive unit does not have instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. TVP 0.002 PSIA or Less = The fugitive unit does not have components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit. Process Drains = The fugitive unit does not have process drains. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested. Complying with § 115.352(1) = Pressure relief valves are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP of less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = No pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Open-ended Valves = The fugitive unit contains open-ended valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested. Complying with § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Open-ended valves or lines contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Open-ended valves do not contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for valves or no alternate has been requested. Complying with § 115.352(1) = Valves are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 psia at 68° F = Valves contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = No valves contact a process fluid with a TVP greater than 0.044 psia at 68° F. Flanges = The fugitive unit contains flanges. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for flanges or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Flanges do not contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Agitators = The fugitive unit does not contain agitators. Compressor Seals = The fugitive unit contains compressor seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested. Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume. Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Compressor seals contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.044 psia at 68 degrees Fahrenheit.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP of Process Fluid VOC > 0.044 psia at 68°F = Compressor seals do not contact a process fluid containing VOC having a true vapor pressure greater than 0.044 psia at 68 degrees Fahrenheit Pump Seals = The fugitive unit contains pump seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1). Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 psia at 68°F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit TVP of Process Fluid VOC > 0.044 psia at 68°F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures greater than 0.044 psia at 68 degrees Fahrenheit Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	
FUG-52024	40 CFR Part 60, Subpart VVa	60VVa-01	Produces Chemicals = The facility produces, as an intermediate or final product, one or more of the chemicals listed in 40 CFR § 60.489a. Affected Facility = The facility is an affected facility as defined in 40 CFR § 60.480a(a)(2). Construction/Modification Date = After November 7, 2006. Compliance Option = Choosing to comply with the provisions of 40 CFR Part 60, Subpart VVa. Design Capacity = Site with a design capacity greater than or equal to 1,000 Mg/yr. Facility Type = Facility does not qualify for one of the exemptions in § 60.480a(d). Pumps in Light Liquid Service = Fugitive unit contains pumps in light liquid service. EEL = No equivalent emission limitation is used for pumps in light liquid service. Complying with 60.482-2a = Pumps in light liquid service are complying with the requirements of § 60.482-2a. Compressors = Fugitive unit contains compressors. EEL = No equivalent emission limitation is used for compressors. Complying with 60.482-3a = Compressors are complying with the requirements of § 60.482-3a. Pressure Relief Devices in Gas/Vapor Service = Fugitive unit contains pressure relief devices in gas/vapor service. Sampling Connection Systems = Fugitive unit contains sampling connection systems. EEL = No equivalent emission limitation is used for sampling connection systems.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with 60.482-5a = Sampling connection systems are complying with the requirements of § 60.482-5a. Open-Ended Valves = Fugitive unit contains open-ended valves. EEL = No equivalent emission limitation is used for open-ended valves. Complying with 60.482-6a = Open-ended valves are complying with the requirements of § 60.482-6a. Valves in Gas/Vapor or Light Liquid Service = Fugitive unit contains valves in gas/vapor or light liquid service. 2.0 % = The owner or operator is not electing to comply with an allowable percentage of valves leaking equal to or less than 2.0%. EEL = No equivalent emission limitation is used for valves in gas/vapor or light liquid service. Complying with 60.482-7a = Valves in gas/vapor or light liquid service are complying with the requirements of § 60.482-7a. Pumps in Heavy Liquid Service = Fugitive unit does not contain pumps in heavy liquid service. Valves in Heavy Liquid Service = Fugitive unit does not contain valves in heavy liquid service. Pressure Relief Devices in Heavy or Light Liquid Service = Fugitive unit contains pressure relief devices in heavy or light liquid service. EEL = No equivalent emission limitation is used for pressure relief devices in heavy or light liquid service. Complying with 60.482-8a = Pressure relief devices in heavy or light liquid service are complying with the requirements of § 60.482-8a. Connectors in Heavy Liquid Service = Fugitive unit contains connectors in heavy liquid service. EEL = No equivalent emission limitation is used for connectors in heavy liquid service. Complying with 60.482-8a = Connectors in heavy liquid service are complying with the requirements of § 60.482-8a. Vapor Recovery System = Fugitive unit does not contain vapor recovery system. Enclosed Combustion Device = Fugitive unit does not contain an enclosed combustion device. Flare = Fugitive unit contains flares. EEL = No equivalent emission limitation is used for flares. Complying with 60.482-10a = Flares are complying with 60.482-10a. CVS = Fugitive unit contains closed vent systems. EEL = No equivalent emission limitation is used for closed vent systems. Complying with 60.482-10a = Closed vent system is complying with § 60.482-10a. Connectors in Gas/Vapor or Light Liquid Service = Fugitive unit contains connectors in gas/vapor or light liquid service.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FUG-52053	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-01	Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Pumps with Shaft Seal System = Pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Process Drains = The fugitive unit does not contain process drains. Pressure Relief Valves = The fugitive unit contains pressure relief valves. ACR = No pressure relief valves are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9). Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. ACR = No open-ended valves or lines are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Bypass Line Valves = The fugitive unit does not contain bypass line valves. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No valves (other than pressure relief, open-ended, and bypass line) are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Valves (other than pressure relief, open-ended, and bypass line) are complying with the requirements of § 115.781(b)(9). Flanges or Other Connectors = The fugitive unit contains flanges or other connectors. ACR = No flanges or other connectors are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Flanges or other connectors are complying with the requirements of § 115.781(b)(9). Compressor Seals = The fugitive unit contains compressor seals. ACR = No compressor seals are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Compressor seals are complying with the requirements of § 115.781(b)(9). Pump Seals = The fugitive unit contains pump seals. ACR = No pump seals are complying with an alternate control requirement.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with § 115.781(b)(9) = Pump seals are complying with the requirements of § 115.781(b)(9). Agitators = The fugitive unit does not contain agitators. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. ACR = No heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, or covers and seals on VOC water separators are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, or covers and seals on VOC water separators are complying with the requirements of § 115.781(b)(9). Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358.	
FUG-52053	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5357-01	Title 30 TAC § 115.352 Applicable = The site contains a natural gas/gasoline processing operation as defined in 30 TAC § 115.10 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 10% VOC by weight. Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks. Instrumentation Systems = The fugitive unit does not have instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. TVP 0.002 PSIA or Less = The fugitive unit does not have components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit. Process Drains = The fugitive unit does not have process drains. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested. Complying with § 115.352(1) = Pressure relief valves are complying with § 115.352(1).	

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

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			alternate control requirement or exemption criteria for compressor seals or no alternate has been requested. Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume. Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Compressor seals contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 psia at 68°F = Compressor seals do not contact a process fluid containing VOC having a true vapor pressure greater than 0.044 psia at 68 degrees Fahrenheit Pump Seals = The fugitive unit contains pump seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1). Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 psia at 68°F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit TVP of Process Fluid VOC > 0.044 psia at 68°F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures greater than 0.044 psia at 68 degrees Fahrenheit Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	
FUG-52053	40 CFR Part 60, Subpart KKK	60KKK-01	Facility Type = Affected facility is the group of all equipment except compressors within a process unit. Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011. Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V. Compressors = Compressor in VOC or Wet Gas Service. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-3 = Complying with 40 CFR 60.482-3. Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Non-VOC or Non-Wet Gas Service = No component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Light Liquid Service = Pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-2 = Complying with 40 CFR 60.482-2. Heavy Liquid Service = No pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Gas/Vapor Service = Pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-4 = Complying with 40 CFR 60.482-4. Light Liquid Service = Pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-8 = Complying with 40 CFR 60.482-8. Heavy Liquid Service = No pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Open-Ended Valves or Lines = Open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-6 = Complying with 40 CFR 60.482-6. Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-8 = Complying with 40 CFR 60.482-8. 2% Valves Leaking = The owner or operator is not electing to comply with an allowable percentage of valves leaking equal to or less than 2.0 percent. Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-7 = Complying with 40 CFR 60.482-7. Light Liquid Service = Valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-7 = Complying with 40 CFR 60.482-7. Heavy Liquid Service = No valves in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Control Devices Used to Comply With AMEL = No control devices used to comply with AMEL.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Flare = Flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK. Complying with § 60.482-10 = Flares are complying with the requirements of § 60.482-10. Vapor Recovery System = No vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Closed Vent Systems = Closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Complying with § 60.482-10 = Complying with 40 CFR 60.482-10.	
FUG-52053	40 CFR Part 63, Subpart HH	63HH-01	ALTERNATE MEANS OF EMISSION LIMITATION = NO APPROVED ALTERNATE MEANS OF EMISSION LIMITATION Subject to Another Regulation = Fugitive unit is subject to and controlled under the provisions of 40 CFR part 63, Subpart HH. VHAP WEIGHT PERCENT = Ancillary equipment or compressors contact fluid that is greater than or equal to 10 % VHAP. LESS THAN 300 OPERATING HOURS = ALL COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE 300 HOURS OR MORE PER YEAR IN VHAP SERVICE. VACUUM SERVICE = NO COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE IN VACUUM SERVICE. Sampling Connection Systems = Fugitive unit contains sampling connection systems. PUMPS = COMPONENT PRESENT DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY AMEL = NO APPROVED ALTERNATE MEANS OF EMISSION LIMITATION PUMPS COMPLYING WITH § 61.242-2 = YES COMPRESSORS = COMPONENT PRESENT RECIPROCATING COMPRESSORS IN WET GAS SERVICE = SOME OR ALL COMPRESSORS DO NOT MEET THE CRITERIA AMEL = NO APPROVED ALTERNATE COMPRESSORS COMPLYING WITH § 61.242-3 = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = COMPONENT PRESENT RELIEF DEVICE MONITORING = DEVICE IS NOT AT A NONFRACTIONATING FACILITY MONITORED ONLY BY NON-FACILITY PERSONNEL DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-4 = YES PRESSURE RELIEF DEVICE IN LIQUID SERVICE = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			COMPLYING WITH § 61.242-8 = YES OPEN-ENDED VALVES OR LINES = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-6 = YES VALVES = COMPONENT PRESENT DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-7 = YES FLANGES AND OTHER CONNECTORS = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-8 = YES PRODUCT ACCUMULATOR VESSEL = COMPONENT NOT PRESENT VAPOR RECOVERY SYSTEM = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-11(B) = YES ENCLOSED COMBUSTION DEVICE = COMPONENT NOT PRESENT FLARE = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-11(D) = YES CLOSED VENT SYSTEM AMEL = NO APPROVED ALTERNATE CLOSED VENT SYSTEM COMPLYING WITH § 61.242-11(F)(1) = YES	
FUG-52113	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5357-01	Title 30 TAC § 115.352 Applicable = The site contains a natural gas/gasoline processing operation as defined in 30 TAC § 115.10 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 1.0% VOC by weight. Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks. Instrumentation Systems = The fugitive unit does not have instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. TVP 0.002 PSIA or Less = The fugitive unit does not have components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit.	

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

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Flanges do not contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Agitators = The fugitive unit does not contain agitators. Compressor Seals = The fugitive unit contains compressor seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested. Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume. Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Compressor seals contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 psia at 68°F = Compressor seals do not contact a process fluid containing VOC having a true vapor pressure greater than 0.044 psia at 68 degrees Fahrenheit Pump Seals = The fugitive unit contains pump seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1). Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 psia at 68°F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit TVP of Process Fluid VOC > 0.044 psia at 68°F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures greater than 0.044 psia at 68 degrees Fahrenheit Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FUG-52113	40 CFR Part 60, Subpart KKK	60KKK-01	Facility Type = Affected facility is the group of all equipment except compressors within a process unit. Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011. Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V. Compressors = Compressor in VOC or Wet Gas Service. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-3 = Complying with 40 CFR 60.482-3. Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Non-VOC or Non-Wet Gas Service = No component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Light Liquid Service = Pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-2 = Complying with 40 CFR 60.482-2. Heavy Liquid Service = No pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Gas/Vapor Service = Pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-4 = Complying with 40 CFR 60.482-4. Light Liquid Service = Pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-8 = Complying with 40 CFR 60.482-8. Heavy Liquid Service = No pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Open-Ended Valves or Lines = Open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-6 = Complying with 40 CFR 60.482-6. Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-8 = Complying with 40 CFR 60.482-8. 2% Valves Leaking = The owner or operator is not electing to comply with an allowable percentage of valves leaking equal to or less than 2.0 percent. Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			AMEL = Not using alternate means of emission limitation. Complying with § 60.482-7 = Complying with 40 CFR 60.482-7. Light Liquid Service = Valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-7 = Complying with 40 CFR 60.482-7. Heavy Liquid Service = No valves in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Control Devices Used to Comply With AMEL = No control devices used to comply with AMEL. Flare = Flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK. Complying with § 60.482-10 = Flares are complying with the requirements of § 60.482-10. Vapor Recovery System = Vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Complying with § 60.482-10 = Complying with 40 CFR 60.482-10. Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Closed Vent Systems = Closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Complying with § 60.482-10 = Complying with 40 CFR 60.482-10.	
FUG-52113	40 CFR Part 63, Subpart HH	63HH-01	ALTERNATE MEANS OF EMISSION LIMITATION = NO APPROVED ALTERNATE MEANS OF EMISSION LIMITATION Subject to Another Regulation = Fugitive unit is subject to and controlled under the provisions of 40 CFR part 63, Subpart HH. VHAP WEIGHT PERCENT = Ancillary equipment or compressors contact fluid that is greater than or equal to 10 % VHAP. LESS THAN 300 OPERATING HOURS = ALL COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE 300 HOURS OR MORE PER YEAR IN VHAP SERVICE. VACUUM SERVICE = NO COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE IN VACUUM SERVICE. Sampling Connection Systems = Fugitive unit contains sampling connection systems. PUMPS = COMPONENT PRESENT DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY AMEL = NO APPROVED ALTERNATE MEANS OF EMISSION LIMITATION PUMPS COMPLYING WITH § 61.242-2 = YES COMPRESSORS = COMPONENT PRESENT RECIPROCATING COMPRESSORS IN WET GAS SERVICE = SOME OR ALL COMPRESSORS DO NOT MEET THE CRITERIA	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			AMEL = NO APPROVED ALTERNATE COMPRESSORS COMPLYING WITH § 61.242-3 = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = COMPONENT PRESENT RELIEF DEVICE MONITORING = DEVICE IS NOT AT A NONFRACTIONATING FACILITY MONITORED ONLY BY NON-FACILITY PERSONNEL DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-4 = YES PRESSURE RELIEF DEVICE IN LIQUID SERVICE = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-8 = YES OPEN-ENDED VALVES OR LINES = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-6 = YES VALVES = COMPONENT PRESENT DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-7 = YES FLANGES AND OTHER CONNECTORS = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-8 = YES PRODUCT ACCUMULATOR VESSEL = COMPONENT NOT PRESENT VAPOR RECOVERY SYSTEM = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-11(B) = YES ENCLOSED COMBUSTION DEVICE = COMPONENT NOT PRESENT FLARE = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-11(D) = YES CLOSED VENT SYSTEM AMEL = NO APPROVED ALTERNATE CLOSED VENT SYSTEM COMPLYING WITH § 61.242-11(F)(1) = YES	
GRP-FUG01	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5357-01	Title 30 TAC § 115.352 Applicable = The site contains a natural gas/gasoline processing operation as defined in 30 TAC § 115.10 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.	

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

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

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP of Process Fluid VOC <= 0.044 psia at 68°F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	
GRP-FUG01	40 CFR Part 60, Subpart OOOO	60OOOO-01	Subject to Another Subpart = Fugitive unit is not subject to any of the above regulations Construction/Modification Date = After 8/23/2011 and on/before 9/18/2015 Any Vacuum Service = Fugitive unit does not contain components in vacuum service Pumps in Light Liquid Service = Fugitive unit contains pumps in light liquid service Design Capacity < 10MM = Fugitive unit components are not located at a nonfractionating plant that has the design capacity to process less than 10 million standard cubic feet per day of field gas AMEL = Pumps in light liquid service are not complying with an alternative emission limitation, approved by the EPA Administrator under 40 CFR § 60.5400(c) Complying with 60.482-2a = Pumps in light liquid service are complying with the requirements in 40 CFR § 60.482-2a Pressure Relief Devices in Gas/Vapor Service = Fugitive unit contains pressure relief devices in gas/vapor service Design Capacity < 10MM = Fugitive unit components are not located at a nonfractionating plant that has the design capacity to process less than 10 million standard cubic feet per day of field gas AMEL = Pressure relief devices are not complying with an alternative emission limitation, approved by the EPA Administrator under 40 CFR § 60.5400(c) Complying with 60.482-4a = Pressure relief devices are complying with the requirements in 40 CFR § 60.482-4a Open-ended Valves or Lines = Fugitive unit does not contain open-ended valves or lines Valves in Gas/Vapor or Light Liquid Service = Fugitive unit contains valves in gas/vapor service Design Capacity < 10MM = Fugitive unit components are not located at a nonfractionating plant that has the design capacity to process less than 10 million standard cubic feet per day of field gas 2.0% = The owner or operator is not electing to comply with an allowable percentage of valves leaking equal to or less than 2.0% AMEL = Valves in gas/vapor service are not complying with an alternative emission limitation, approved by the EPA Administrator under 40 CFR § 60.5400(c) Complying with 60.482-7a = Valves in gas/vapor service are complying with the requirements in 40 CFR § 60.482-7a Pumps in Heavy Liquid Service = Fugitive unit does not contain pumps in heavy liquid service Valves in Heavy Liquid Service = Fugitive unit does not contain valves in heavy liquid service	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Pressure Relief Devices in Heavy or Light Liquid Service = Fugitive unit contains pressure relief devices in heavy or light liquid service AMEL = Pressure relief devices in heavy or light liquid service are not complying with an alternative emission limitation, approved by the EPA Administrator under 40 CFR § 60.5400(c) Complying with 60.482-8a = Pressure relief devices in heavy or light liquid service are complying with the requirements in 40 CFR § 60.482-8a Connectors in Heavy Liquid Service = Fugitive unit does not contain components in heavy liquid service service Vapor Recovery System = Fugitive unit does not contain vapor recovery system Enclosed Combustion Device = Fugitive unit does not contain enclosed combustion device Flare = Fugitive unit does not contain flare Closed Vent System = Fugitive unit does not contain closed vent system Connectors in Gas/Vapor or Light Liquid Service = Fugitive unit contains connectors in gas/vapor or light liquid service Design Capacity < 10MM = Fugitive unit components are not located at a nonfractionating plant that has the design capacity to process less than 10 million standard cubic feet per day of field gas AMEL = Connectors in gas/vapor or light liquid service are not complying with an alternative emission limitation, approved by the EPA Administrator under 40 CFR § 60.5400(c) Complying with 60.482-11a = Connectors in gas/vapor or light liquid service are complying with the requirements in 40 CFR § 60.482-11a	
GRP-FUG03	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5357-01	Title 30 TAC § 115.352 Applicable = The site contains a natural gas/gasoline processing operation as defined in 30 TAC § 115.10 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 1.0% VOC by weight. Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks. Instrumentation Systems = The fugitive unit does not have instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. TVP 0.002 PSIA or Less = The fugitive unit does not have components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit. Process Drains = The fugitive unit does not have process drains.	

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

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Flanges do not contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Agitators = The fugitive unit does not contain agitators. Compressor Seals = The fugitive unit contains compressor seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested. Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume. Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Compressor seals contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 psia at 68°F = Compressor seals do not contact a process fluid containing VOC having a true vapor pressure greater than 0.044 psia at 68 degrees Fahrenheit Pump Seals = The fugitive unit contains pump seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1). Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 psia at 68°F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit TVP of Process Fluid VOC > 0.044 psia at 68°F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures greater than 0.044 psia at 68 degrees Fahrenheit Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	
GRP-FUG04	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5357-01	Title 30 TAC § 115.352 Applicable = The site contains a natural gas/gasoline processing operation as defined in 30 TAC § 115.10	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 10% VOC by weight. Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks. Instrumentation Systems = The fugitive unit does not have instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. TVP 0.002 PSIA or Less = The fugitive unit does not have components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit. Process Drains = The fugitive unit does not have process drains. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested. Complying with § 115.352(1) = Pressure relief valves are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP of less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = No pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Open-ended Valves = The fugitive unit contains open-ended valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested. Complying with § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Open-ended valves or lines contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Open-ended valves do not contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines.	

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

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1). Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 psia at 68°F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit TVP of Process Fluid VOC > 0.044 psia at 68°F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures greater than 0.044 psia at 68 degrees Fahrenheit Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	
GRP-FUG04	40 CFR Part 60, Subpart KKK	60KKK-01	Facility Type = Affected facility is the group of all equipment except compressors within a process unit. Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011. Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V. Compressors = Compressor in VOC or Wet Gas Service. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-3 = Complying with 40 CFR 60.482-3. Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Non-VOC or Non-Wet Gas Service = No component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Light Liquid Service = Pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-2 = Complying with 40 CFR 60.482-2. Heavy Liquid Service = No pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Gas/Vapor Service = Pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-4 = Complying with 40 CFR 60.482-4. Light Liquid Service = Pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-8 = Complying with 40 CFR 60.482-8. Heavy Liquid Service = No pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Open-Ended Valves or Lines = Open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-6 = Complying with 40 CFR 60.482-6. Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-8 = Complying with 40 CFR 60.482-8. 2% Valves Leaking = The owner or operator is not electing to comply with an allowable percentage of valves leaking equal to or less than 2.0 percent. Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-7 = Complying with 40 CFR 60.482-7. Light Liquid Service = Valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. AMEL = Not using alternate means of emission limitation. Complying with § 60.482-7 = Complying with 40 CFR 60.482-7. Heavy Liquid Service = No valves in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Control Devices Used to Comply With AMEL = No control devices used to comply with AMEL. Flare = Flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK. Complying with § 60.482-10 = Flares are complying with the requirements of § 60.482-10. Vapor Recovery System = Vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Complying with § 60.482-10 = Complying with 40 CFR 60.482-10. Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Closed Vent Systems = Closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit. Complying with § 60.482-10 = Complying with 40 CFR 60.482-10.	
GRP-FUG04	40 CFR Part 63, Subpart HH	63HH-01	ALTERNATE MEANS OF EMISSION LIMITATION = NO APPROVED ALTERNATE MEANS OF EMISSION LIMITATION Subject to Another Regulation = Fugitive unit is subject to and controlled under the provisions of 40 CFR part 63, Subpart HH. VHAP WEIGHT PERCENT = Ancillary equipment or compressors contact fluid that is greater than or equal to 10 % VHAP.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			LESS THAN 300 OPERATING HOURS = ALL COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE 300 HOURS OR MORE PER YEAR IN VHAP SERVICE. VACUUM SERVICE = NO COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE IN VACUUM SERVICE. Sampling Connection Systems = Fugitive unit contains sampling connection systems. PUMPS = COMPONENT PRESENT DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY AMEL = NO APPROVED ALTERNATE MEANS OF EMISSION LIMITATION PUMPS COMPLYING WITH § 61.242-2 = YES COMPRESSORS = COMPONENT PRESENT RECIPROCATING COMPRESSORS IN WET GAS SERVICE = SOME OR ALL COMPRESSORS DO NOT MEET THE CRITERIA AMEL = NO APPROVED ALTERNATE COMPRESSORS COMPLYING WITH § 61.242-3 = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = COMPONENT PRESENT RELIEF DEVICE MONITORING = DEVICE IS NOT AT A NONFRACTIONATING FACILITY MONITORED ONLY BY NON-FACILITY PERSONNEL DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-4 = YES PRESSURE RELIEF DEVICE IN LIQUID SERVICE = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-8 = YES OPEN-ENDED VALVES OR LINES = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-6 = YES VALVES = COMPONENT PRESENT DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-7 = YES FLANGES AND OTHER CONNECTORS = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-8 = YES PRODUCT ACCUMULATOR VESSEL = COMPONENT NOT PRESENT VAPOR RECOVERY SYSTEM = COMPONENT PRESENT	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-11(B) = YES ENCLOSED COMBUSTION DEVICE = COMPONENT NOT PRESENT FLARE = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-11(D) = YES CLOSED VENT SYSTEM AMEL = NO APPROVED ALTERNATE CLOSED VENT SYSTEM COMPLYING WITH § 61.242-11(F)(1) = YES	
GRP-FUG05	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-01	Title 30 TAC §115.780 Applicable = The fugitive unit contains a defined process and Highly Reactive VOC. Less Than 250 Components at Site = The fugitive unit is located at a site with at least 250 fugitive components in VOC service. Weight Percent HRVOC = Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contain HRVOC at 5.0%, or greater, by weight on an annual average basis. Pumps with Shaft Seal System = Pumps are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Compressors with Shaft Seal System = No compressors are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Agitators with Shaft Seal System = No agitators are equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. Process Drains = The fugitive unit does not contain process drains. Pressure Relief Valves = The fugitive unit contains pressure relief valves. ACR = No pressure relief valves are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Pressure relief valves are complying with the requirements of § 115.781(b)(9). Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines. ACR = No open-ended valves or lines are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Open-ended valves or lines are complying with the requirements of § 115.781(b)(9). Bypass Line Valves = The fugitive unit does not contain bypass line valves. Valves (not pressure relief, open-ended or bypass line valves) = The fugitive unit contains valves other than pressure relief, open-ended or bypass line valves. ACR = No valves (other than pressure relief, open-ended, and bypass line) are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Valves (other than pressure relief, open-ended, and bypass line) are complying with the requirements of § 115.781(b)(9). Flanges or Other Connectors = The fugitive unit contains flanges or other connectors.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			ACR = No flanges or other connectors are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Flanges or other connectors are complying with the requirements of § 115.781(b)(9). Compressor Seals = The fugitive unit contains compressor seals. ACR = No compressor seals are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Compressor seals are complying with the requirements of § 115.781(b)(9). Pump Seals = The fugitive unit contains pump seals. ACR = No pump seals are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Pump seals are complying with the requirements of § 115.781(b)(9). Agitators = The fugitive unit does not contain agitators. Heat Exchanger Heads, etc. = The fugitive unit contains heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolter manways, hatches, sump covers, junction vent boxes or covers and seals on VOC water separators. ACR = No heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, or covers and seals on VOC water separators are complying with an alternate control requirement. Complying with § 115.781(b)(9) = Heat exchanger heads, sight glasses, meters, gauges, sampling connections, bolted manways, hatches, sump covers, junction box vents, or covers and seals on VOC water separators are complying with the requirements of § 115.781(b)(9). Alternative Work Practice in § 115.358 = No components are complying with the alternative work practice requirements in 30 TAC § 115.358.	
GRP-FUG05	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5357-01	Title 30 TAC § 115.352 Applicable = The site contains a natural gas/gasoline processing operation as defined in 30 TAC § 115.10 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 1.0% VOC by weight. Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks. Instrumentation Systems = The fugitive unit does not have instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. TVP 0.002 PSIA or Less = The fugitive unit does not have components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit.	

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

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Flanges do not contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Agitators = The fugitive unit does not contain agitators. Compressor Seals = The fugitive unit contains compressor seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested. Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume. Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Compressor seals contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 psia at 68°F = Compressor seals do not contact a process fluid containing VOC having a true vapor pressure greater than 0.044 psia at 68 degrees Fahrenheit Pump Seals = The fugitive unit contains pump seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1). Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 psia at 68°F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit TVP of Process Fluid VOC > 0.044 psia at 68°F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures greater than 0.044 psia at 68 degrees Fahrenheit Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP-FUG06	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5357-01	Title 30 TAC § 115.352 Applicable = The site contains a natural gas/gasoline processing operation as defined in 30 TAC § 115.10 Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components. Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 1.0% VOC by weight. Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit has reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. Rupture Disks = The fugitive unit has pressure relief valves equipped with rupture disks. Instrumentation Systems = The fugitive unit does not have instrumentation systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. Sampling Connection Systems = The fugitive unit has sampling connection systems, as defined in 40 CFR § 63.161, that meet 40 CFR § 63.169. TVP 0.002 PSIA or Less = The fugitive unit does not have components or systems that contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.002 psia at 68 degrees Fahrenheit. Process Drains = The fugitive unit does not have process drains. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested. Pressure Relief Valves = The fugitive unit contains pressure relief valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pressure relief valves or no alternate has been requested. Complying with § 115.352(1) = Pressure relief valves are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 psia at 68° F = Pressure relief valves contact a process fluid with a TVP of less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = No pressure relief valves contact a process fluid with a TVP > 0.044 psia at 68° F. Open-ended Valves = The fugitive unit contains open-ended valves. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for open-ended valves or no alternate has been requested. Complying with § 115.352(1) = Open-ended valves and lines are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Open-ended valves or lines contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Open-ended valves do not contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Valves (other than pressure relief and open-ended) = The fugitive unit contains valves other than pressure relief valves or open-ended valves or lines. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for valves or no alternate has been requested. Complying with § 115.352(1) = Valves are complying with § 115.352(1). TVP of Process Fluid VOC <= 0.044 psia at 68° F = Valves contact a process fluid with a TVP less than or equal to 0.044 psia at 68° F. TVP of Process Fluid VOC > 0.044 psia at 68° F = No valves contact a process fluid with a TVP greater than 0.044 psia at 68° F. Flanges = The fugitive unit contains flanges. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for flanges or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Flanges are complying with the requirements in 30 TAC § 115.352(1). TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Flanges contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 PSIA AT 68° F = Flanges do not contact a process fluid containing VOC having a TVP greater than 0.044 psia at 68 degrees Fahrenheit. Agitators = The fugitive unit does not contain agitators. Compressor Seals = The fugitive unit contains compressor seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for compressor seals or no alternate has been requested. Complying with § 115.352(1) = Compressor seals are complying with the requirements in 30 TAC § 115.352(1). Hydrogen Content to Exceed 50% by Volume = Compressors are not in hydrogen service or are in hydrogen service and the hydrogen content cannot be reasonably expected to always exceed 50% by volume. Shaft Seal System = Compressors are not equipped with a shaft sealing system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 PSIA AT 68□° F = Compressor seals contact a process fluid containing VOC having a true vapor pressure less than or equal to 0.044 psia at 68 degrees Fahrenheit. TVP of Process Fluid VOC > 0.044 psia at 68°F = Compressor seals do not contact a process fluid containing VOC having a true vapor pressure greater than 0.044 psia at 68 degrees Fahrenheit	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Pump Seals = The fugitive unit contains pump seals. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for pump seals or no alternate has been requested. Complying with 30 TAC § 115.352(1) = Pump seals are complying with the requirements in 30 TAC § 115.352(1). Shaft Seal System = Pump seals are not equipped with a shaft seal system that prevents or detects emission of VOC from the seal. TVP of Process Fluid VOC <= 0.044 psia at 68°F = Pump seals contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit TVP of Process Fluid VOC > 0.044 psia at 68°F = Pump seals do not contact a process fluid containing VOC having a true vapor pressures greater than 0.044 psia at 68 degrees Fahrenheit Components Utilizing Alternative Work Practice in § 115.358 = No components in the fugitive unit are using the alternative work practice under § 115.358.	
GRP-FUG06	40 CFR Part 63, Subpart HH	63HH-01	ALTERNATE MEANS OF EMISSION LIMITATION = NO APPROVED ALTERNATE MEANS OF EMISSION LIMITATION Subject to Another Regulation = Fugitive unit is subject to and controlled under the provisions of 40 CFR part 63, Subpart HH. VHAP WEIGHT PERCENT = Ancillary equipment or compressors contact fluid that is greater than or equal to 10 % VHAP. LESS THAN 300 OPERATING HOURS = ALL COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE 300 HOURS OR MORE PER YEAR IN VHAP SERVICE. VACUUM SERVICE = NO COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE IN VACUUM SERVICE. Sampling Connection Systems = Fugitive unit contains sampling connection systems. PUMPS = COMPONENT PRESENT DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY AMEL = NO APPROVED ALTERNATE MEANS OF EMISSION LIMITATION PUMPS COMPLYING WITH § 61.242-2 = YES COMPRESSORS = COMPONENT PRESENT RECIPROCATING COMPRESSORS IN WET GAS SERVICE = SOME OR ALL COMPRESSORS DO NOT MEET THE CRITERIA AMEL = NO APPROVED ALTERNATE COMPRESSORS COMPLYING WITH § 61.242-3 = YES PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = COMPONENT PRESENT RELIEF DEVICE MONITORING = DEVICE IS NOT AT A NONFRACTIONATING FACILITY MONITORED ONLY BY NON-FACILITY PERSONNEL	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-4 = YES PRESSURE RELIEF DEVICE IN LIQUID SERVICE = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-8 = YES OPEN-ENDED VALVES OR LINES = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-6 = YES VALVES = COMPONENT PRESENT DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-7 = YES FLANGES AND OTHER CONNECTORS = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-8 = YES PRODUCT ACCUMULATOR VESSEL = COMPONENT NOT PRESENT VAPOR RECOVERY SYSTEM = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-11(B) = YES ENCLOSED COMBUSTION DEVICE = COMPONENT NOT PRESENT FLARE = COMPONENT PRESENT AMEL = NO APPROVED ALTERNATE COMPLYING WITH § 61.242-11(D) = YES CLOSED VENT SYSTEM AMEL = NO APPROVED ALTERNATE CLOSED VENT SYSTEM COMPLYING WITH § 61.242-11(F)(1) = YES	
058CT13101	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-02	Cooling Tower Heat Exchange System Exemptions = The cooling tower heat exchange system does not qualify for an exemption. Alternative Monitoring = Complying with the specified monitoring in 30 TAC § 115.764. Modified Monitoring = Minor modifications to the monitoring and testing methods approved by the executive director as allowed in § 115.764(f) are being used. Jacketed Reactor = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor. Design Capacity = Design capacity to circulate 8000 gpm or greater.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Finite Volume System = The cooling tower heat exchange system is in dedicated service to a finite volume system and compliance with the requirements of § 115.764(h) in lieu of the requirements in § 115.764(a) is elected. Flow Monitoring/Testing Method = Choosing to use a continuous flow monitor on each inlet of each cooling tower in accordance with § 115.764(a)(1), (b)(1), or (h)(1). Total Strippable VOC = Each individual heat exchanger in the cooling tower heat exchange system has less than 5.0% HRVOC in the process side and compliance with §115.764(d) is chosen. On-Line Monitor = Speciated strippable HRVOC concentration is being determined by sampling.	
058CT13101	40 CFR Part 63, Subpart Q	63Q-00	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
102CT13100	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-01	Cooling Tower Heat Exchange System Exemptions = The cooling tower heat exchange system does not qualify for an exemption. Alternative Monitoring = Complying with the specified monitoring in 30 TAC § 115.764. Modified Monitoring = Minor modifications to the monitoring and testing methods approved by the executive director as allowed in § 115.764(f) are being used. Jacketed Reactor = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor. Design Capacity = Design capacity to circulate less than 8000 gpm. Flow Monitoring/Testing Method = Choosing to use a continuous flow monitor on each inlet of each cooling tower in accordance with § 115.764(a)(1), (b)(1), or (h)(1). Total Strippable VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a). On-Line Monitor = Speciated strippable HRVOC concentration is being determined by sampling.	
102CT13100	40 CFR Part 63, Subpart Q	63QQ-00	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
GRP-CT	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-01	Cooling Tower Heat Exchange System Exemptions = The cooling tower heat exchange system does not qualify for an exemption. Alternative Monitoring = Complying with the specified monitoring in 30 TAC § 115.764. Modified Monitoring = Minor modifications to the monitoring and testing methods approved by the executive director as allowed in § 115.764(f) are being used. Jacketed Reactor = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor. Design Capacity = Design capacity to circulate less than 8000 gpm. Flow Monitoring/Testing Method = Choosing to use a continuous flow monitor on each inlet of each cooling tower in accordance with § 115.764(a)(1), (b)(1), or (h)(1).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Total Strippable VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a). On-Line Monitor = Speciated strippable HRVOC concentration is being determined by sampling.	
GRP-CT	40 CFR Part 63, Subpart Q	63Q-00	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
GRP-CT-F	30 TAC Chapter 115, HRVOC Cooling Towers	R5760-01	Cooling Tower Heat Exchange System Exemptions = The cooling tower heat exchange system does not qualify for an exemption. Alternative Monitoring = Complying with the specified monitoring in 30 TAC § 115.764. Modified Monitoring = Minor modifications to the monitoring and testing methods approved by the executive director as allowed in § 115.764(f) are being used. Jacketed Reactor = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor. Design Capacity = Design capacity to circulate less than 8000 gpm. Flow Monitoring/Testing Method = Choosing to use a continuous flow monitor on each inlet of each cooling tower in accordance with § 115.764(a)(1), (b)(1), or (h)(1). Total Strippable VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a). On-Line Monitor = Speciated strippable HRVOC concentration is being determined by sampling.	
GRP-CT-F	40 CFR Part 63, Subpart Q	63Q-00	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
GRP-SEP	30 TAC Chapter 115, Water Separation	R5137-00	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 is designed solely to capture stormwater, spills, or exterior surface cleanup waters and is fully covered.	
061CHILLER	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Alternate Control Requirement = Alternate control is not used. Control Device Type = Smokeless flare	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
061DEHY	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Alternate Control Requirement = Alternate control is not used. Control Device Type = Smokeless flare	
101PV17805	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. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is greater than or equal to 612 ppmv. VOC Concentration 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.	
101PV17805	40 CFR Part 63, Subpart G	63G-G1VS	Overlap = Title 40 CFR Part 63, Subpart G only Group 1 = The process vent meets the definition of a Group 1 process vent. Control Device = Absorber used as a recapture device. Halogenated = Vent stream is halogenated. Performance Test = No previous performance test was conducted. Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used. Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR §§ 63.114, 63.117, and 63.118. By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.	
102PV17201	40 CFR Part 63, Subpart G	63G-G1VFN	Overlap = Title 40 CFR Part 60, Subpart RRR Group 1 = The process vent meets the definition of a Group 1 process vent. Control Device = Flare Halogenated = Vent stream is not halogenated.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance. Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used. Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR §§ 63.114, 63.117, and 63.118. By-pass Lines = The vent system contains by-pass lines that can divert the vent stream from the control device. Flow Indicator = By-pass line valve is secured with a car-seal or lock-and-key type configuration.	
102PV17202	40 CFR Part 63, Subpart G	63G-G1VFN	Overlap = Title 40 CFR Part 60, Subpart NNN Group 1 = The process vent meets the definition of a Group 1 process vent. Control Device = Flare Halogenated = Vent stream is not halogenated. Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance. Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used. Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR §§ 63.114, 63.117, and 63.118. By-pass Lines = The vent system contains by-pass lines that can divert the vent stream from the control device. Flow Indicator = By-pass line valve is secured with a car-seal or lock-and-key type configuration.	
102PV17203	40 CFR Part 63, Subpart G	63G-G1VFN	Overlap = Title 40 CFR Part 60, Subpart NNN Group 1 = The process vent meets the definition of a Group 1 process vent. Control Device = Flare Halogenated = Vent stream is not halogenated. Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance. Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used. Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR §§ 63.114, 63.117, and 63.118.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			By-pass Lines = The vent system contains by-pass lines that can divert the vent stream from the control device. Flow Indicator = By-pass line valve is secured with a car-seal or lock-and-key type configuration.	
GRP-DEG	30 TAC Chapter 115, Degreasing Processes	R5412-01	Solvent Degreasing Machine Type = Cold solvent cleaning machine. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternative control requirement as allowed under 30 TAC § 115.413 or not alternative has been requested. Solvent Sprayed = No solvent is sprayed. Solvent Vapor Pressure = Solvent vapor pressure is less than or equal to 0.6 psia as measured at 100 degrees Fahrenheit. Solvent Heated = The solvent is not heated to a temperature greater than 120 degrees Fahrenheit Parts Larger than Drainage = Cleaned parts for which the machine is authorized to clean are larger than the internal drainage facility of the machine. Drainage Area = Area is greater than or equal to 16 square inches. Disposal in Enclosed Containers = Waste solvent is properly disposed of in enclosed containers.	
102PV17101	40 CFR Part 60, Subpart NNN	60NNN-FG	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Construction/Modification Date = After December 30, 1983. Vent Type = Distillation unit not discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Boiler or process heater design heat input capacity greater than or equal to 44 MW (150 MMBtu/hr).	
102PV17104	40 CFR Part 60, Subpart NNN	60NNN-FG	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Construction/Modification Date = After December 30, 1983. Vent Type = Distillation unit not discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Boiler or process heater design heat input capacity greater than or equal to 44 MW (150 MMBtu/hr).	
102PV17204	40 CFR Part 60, Subpart NNN	60NNN-FG	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Construction/Modification Date = After December 30, 1983. Vent Type = Distillation unit not discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Boiler or process heater design heat input capacity greater than or equal to 44 MW (150 MMBtu/hr).	
102PV17205	40 CFR Part 60, Subpart NNN	60NNN-FG	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Construction/Modification Date = After December 30, 1983. Vent Type = Distillation unit not discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device. Subpart NNN Control Device = Boiler or process heater design heat input capacity greater than or equal to 44 MW (150 MMBtu/hr).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP-NNN	40 CFR Part 60, Subpart NNN	60NNN-01	Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate. Construction/Modification Date = After December 30, 1983. Vent Type = Distillation unit not discharging vent stream into a vapor recovery system. Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3). Total Design Capacity = 1 gigagram per year or greater. Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min. Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream. TOC Reduction = Compliance is achieved through use of a flare or recovery device. Subpart NNN Control Device = Flare.	
MAINT	30 TAC Chapter 115, Subchapter E, Division 7	R5471-01	Exemption = The adhesive application process is located on a property with total actual VOC emissions of less than 3.0 tons per calendar year from all uncontrolled adhesives, adhesive primers and solvents.	
031SE29003	30 TAC Chapter 111, Incineration	R1111-01	Waste Type = Waste other than municipal, commercial, industrial, or domestic solid waste as defined in 30 TAC § 101.1, or hazardous waste as specified in 30 TAC § 111.124	
031SE29003	30 TAC Chapter 117, Subchapter B	R1173-01	Maximum Rated Capacity = MRC is less than 40 MMBtu/hr	
061VCU	30 TAC Chapter 117, Subchapter B	R7B31-1	Maximum Rated Capacity = MRC is greater than 40 MMBtu/hr but less than 100 MMBtu/hr NOx Emission Limitation = Complying with 30 TAC § 117.310(a)(16) NOx Reduction = No NO_x reduction method NOx Monitoring System = Maximum emission rate testing NOx Averaging Method = Complying with the applicable emission limits using a block one-hour average Fuel Flow Monitoring = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.340(a) or 117.440(a) CO Emission Limitation = Complying with 30 TAC § 117.310(c)(1) CO Monitoring System = Other than a CEMS or PEMS	
359SW25001	30 TAC Chapter 111, Incineration	R1111-01	Waste Type = Waste other than municipal, commercial, industrial, or domestic solid waste as defined in 30 TAC § 101.1, or hazardous waste as specified in 30 TAC § 111.124	
359SW25001	30 TAC Chapter 117, Subchapter B	R7-00	Maximum Rated Capacity = MRC is less than 40 MMBtu/hr	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
101PV17101	40 CFR Part 60, Subpart RRR	60RRR-FG	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Combination of a reactor process and the recovery system into which its vent stream is discharged. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is not routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN or has other releases to the air than from a pressure relief valve. TRE Index Value = TRE index value is less than or equal to 8.0 or a TRE index value is not calculated or claimed for exemption 40 CFR § 60.700(c)(2). TRE for Halogenated Vent Stream = TRE index value is being calculated for a nonhalogenated vent stream. Total Design Capacity = Total design capacity is 1 gigagram per year (1,100 tons per year) or greater. Vent Stream Flow Rate = Vent stream flow rate is 0.011 scm/min or greater, or value is not measured. TOC Exemption = No TOC concentration exemption. Control Device = Boiler or process heater with design heat input of 44 MW (150MMBTU/hr) or greater. Bypass Line = There is a bypass line valve that could divert the vent stream around the control device and directly to the atmosphere. Bypass Line Valve Secured = The bypass line valve is secured in the closed position with a car-seal or a lock-and-key type configuration.	
101PV17102	40 CFR Part 60, Subpart RRR	60RRR-FG	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Combination of a reactor process and the recovery system into which its vent stream is discharged. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is not routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN or has other releases to the air than from a pressure relief valve. TRE Index Value = TRE index value is less than or equal to 8.0 or a TRE index value is not calculated or claimed for exemption 40 CFR § 60.700(c)(2). TRE for Halogenated Vent Stream = TRE index value is being calculated for a nonhalogenated vent stream. Total Design Capacity = Total design capacity is 1 gigagram per year (1,100 tons per year) or greater.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Vent Stream Flow Rate = Vent stream flow rate is 0.011 scm/min or greater, or value is not measured. TOC Exemption = No TOC concentration exemption. Control Device = Boiler or process heater with design heat input of 44 MW (150MMBTU/hr) or greater. Bypass Line = There is a bypass line valve that could divert the vent stream around the control device and directly to the atmosphere. Bypass Line Valve Secured = The bypass line valve is secured in the closed position with a car-seal or a lock-and-key type configuration.	
101PV17103	40 CFR Part 60, Subpart RRR	60RRR-FG	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Combination of a reactor process and the recovery system into which its vent stream is discharged. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is not routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN or has other releases to the air than from a pressure relief valve. TRE Index Value = TRE index value is less than or equal to 8.0 or a TRE index value is not calculated or claimed for exemption 40 CFR § 60.700(c)(2). TRE for Halogenated Vent Stream = TRE index value is being calculated for a nonhalogenated vent stream. Total Design Capacity = Total design capacity is 1 gigagram per year (1,100 tons per year) or greater. Vent Stream Flow Rate = Vent stream flow rate is 0.011 scm/min or greater, or value is not measured. TOC Exemption = No TOC concentration exemption. Control Device = Boiler or process heater with design heat input of 44 MW (150MMBTU/hr) or greater. Bypass Line = There is a bypass line valve that could divert the vent stream around the control device and directly to the atmosphere. Bypass Line Valve Secured = The bypass line valve is secured in the closed position with a car-seal or a lock-and-key type configuration.	
102PV17401	40 CFR Part 60, Subpart RRR	60RRR-FG	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Combination of a reactor process and the recovery system into which its vent stream is discharged.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is not routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN or has other releases to the air than from a pressure relief valve. TRE Index Value = TRE index value is less than or equal to 8.0 or a TRE index value is not calculated or claimed for exemption 40 CFR § 60.700(c)(2). TRE for Halogenated Vent Stream = TRE index value is being calculated for a nonhalogenated vent stream. Total Design Capacity = Total design capacity is 1 gigagram per year (1,100 tons per year) or greater. Vent Stream Flow Rate = Vent stream flow rate is 0.011 scm/min or greater, or value is not measured. TOC Exemption = No TOC concentration exemption. Control Device = Boiler or process heater with design heat input of 44 MW (150MMBTU/hr) or greater. Bypass Line = There is a bypass line valve that could divert the vent stream around the control device and directly to the atmosphere. Bypass Line Valve Secured = The bypass line valve is secured in the closed position with a car-seal or a lock-and-key type configuration.	
GRP-RRR	40 CFR Part 60, Subpart RRR	60RRR-01	Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate. Construction/Modification Date = After June 29, 1990. Affected Facility Type = Combination of a reactor process and the recovery system into which its vent stream is discharged. Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD. Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is not routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN or has other releases to the air than from a pressure relief valve. TRE Index Value = TRE index value is less than or equal to 8.0 or a TRE index value is not calculated or claimed for exemption 40 CFR § 60.700(c)(2). TRE for Halogenated Vent Stream = TRE index value is being calculated for a nonhalogenated vent stream. Total Design Capacity = Total design capacity is 1 gigagram per year (1,100 tons per year) or greater. Vent Stream Flow Rate = Vent stream flow rate is 0.011 scm/min or greater, or value is not measured. TOC Exemption = No TOC concentration exemption. Control Device = Flare that meets the requirements of 40 CFR § 60.18.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Bypass Line = There is a bypass line valve that could divert the vent stream around the control device and directly to the atmosphere. Bypass Line Valve Secured = The bypass line valve is secured in the closed position with a car-seal or a lock-and-key type configuration.	
MAINT	30 TAC Chapter 115, Subchapter E, Division 6	R5461-01	Exemption = The solvent cleaning operation is located on a property with total actual VOC emissions of less than 3.0 tons per calendar year from all uncontrolled cleaning solvents.	
50	40 CFR Part 63, Subpart G	63G-WWTR	Series of Processes = The wastewater stream is treated using a single treatment process. Biological Treatment Process = Open biological treatment process. Wastewater Stream Designation = Determined Group1 for Table 9 Wastewater Stream Treatment = 95-percent required mass removal option for biological processes under § 63.138(g). Performance Test Exemption = The biological treatment process is subject to the performance test requirements per 40 CFR § 63.145(h)(1)(i) - (ii).	
GRP-CT-F	40 CFR Part 63, Subpart F	63F-01	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). 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. 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. Heat Exchange System = A heat exchange system is utilized. 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. 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. 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. 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. 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). 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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			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.	

* - 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

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

New Source Review Authorization References

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX1057	Issuance Date: 08/06/2021
PSD Permit No.: PSDTX655M1	Issuance Date: 03/28/2023
PSD Permit No.: PSDTX789M1	Issuance Date: 11/08/2019
PSD Permit No.: PSDTX790	Issuance Date: 11/08/2019
PSD Permit No.: PSDTX797M1	Issuance Date: 11/17/2022
PSD Permit No.: PSDTX813	Issuance Date: 09/30/2019
PSD Permit No.: PSDTX823	Issuance Date: 03/28/2023
PSD Permit No.: PSDTX824	Issuance Date: 06/13/2024
Nonattainment (NA) Permits	
NA Permit No.: N174	Issuance Date: 02/11/2022
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits by Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 5581	Issuance Date: 12/17/2024
Authorization No.: 6798	Issuance Date: 03/24/2023
Authorization No.: 8418	Issuance Date: 02/11/2022
Authorization No.: 8707	Issuance Date: 03/28/2023
Authorization No.: 19930	Issuance Date: 11/08/2019
Authorization No.: 20698	Issuance Date: 11/17/2022
Authorization No.: 21945	Issuance Date: 09/30/2019
Authorization No.: 22105	Issuance Date: 03/04/2024
Authorization No.: 22113	Issuance Date: 06/13/2024
Authorization No.: 22114	Issuance Date: 03/28/2023
Authorization No.: 76070	Issuance Date: 08/06/2021
Authorization No.: 94065	Issuance Date: 01/09/2020
Authorization No.: 103076	Issuance Date: 06/28/2021
Authorization No.: 108247	Issuance Date: 03/15/2022
Authorization No.: 155894	Issuance Date: 04/16/2019
Permits by Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003

New Source Review Authorization References

Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 03/14/1997
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 03/14/1997
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001
Number: 6	Version No./Date: 04/05/1995
Number: 7	Version No./Date: 05/05/1976
Number: 51	Version No./Date: 11/05/1986
Number: 51	Version No./Date: 09/12/1989
Number: 51	Version No./Date: 07/20/1992
Number: 51	Version No./Date: 05/04/1994
Number: 51	Version No./Date: 10/04/1995
Number: 51	Version No./Date: 06/07/1996
Number: 106	Version No./Date: 09/12/1989
Number: 106	Version No./Date: 07/20/1992

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

Periodic Monitoring:

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

Unit/Group/Process Information	
ID No.: 016HT16001A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-03
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per year	
Averaging Period: n/a	
Deviation Limit: Maximum CO concentration = 400 ppmv at 3.0% O2, dry basis	
Basis of monitoring: It is widely practiced and accepted to calibrate and use a portable analyzer to measure CO concentration with procedures such as EPA Test Method 10 or a CO CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. In addition, if the CO concentration is too high it shows that a control device such as a catalytic converter is not functioning properly, or an emission unit is not obtaining complete combustion.	

Unit/Group/Process Information	
ID No.: 016HT16001B	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-03
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per year	
Averaging Period: n/a	
Deviation Limit: Maximum CO concentration = 400 ppmv at 3.0% O2, dry basis	
Basis of monitoring: It is widely practiced and accepted to calibrate and use a portable analyzer to measure CO concentration with procedures such as EPA Test Method 10 or a CO CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. In addition, if the CO concentration is too high it shows that a control device such as a catalytic converter is not functioning properly, or an emission unit is not obtaining complete combustion.	

Unit/Group/Process Information	
ID No.: 016HT16001C	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-03
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per year	
Averaging Period: n/a	
Deviation Limit: Maximum CO concentration = 400 ppmv at 3.0% O2, dry basis	
Basis of monitoring: It is widely practiced and accepted to calibrate and use a portable analyzer to measure CO concentration with procedures such as EPA Test Method 10 or a CO CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. In addition, if the CO concentration is too high it shows that a control device such as a catalytic converter is not functioning properly, or an emission unit is not obtaining complete combustion.	

Unit/Group/Process Information	
ID No.: 058CM12010	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-21
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Maximum CO emission rate = 15.98 lb/hr	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

Unit/Group/Process Information	
ID No.: 058HR15051	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-05
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Maximum CO emission rate = 18.34 lb/hr	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

Unit/Group/Process Information	
ID No.: 061REGEN	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-02
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Maximum CO emission rate = 1.78 lb/hr	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

Unit/Group/Process Information	
ID No.: 061SV19016	
Control Device ID No.: 061VCU	Control Device Type: Vapor combustor
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-2
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Minimum Temperature = 1200 F (Stack Temp.)	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: 061SV19017	
Control Device ID No.: 061VCU	Control Device Type: Vapor combustor
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-2
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Minimum Temperature = 1200 F (Stack Temp.)	
Basis of monitoring: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: 061VCU	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7B31-1
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Maximum CO emission rate = 8.73 lb/hr	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

Unit/Group/Process Information	
ID No.: 089HR15002	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-02
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Maximum CO emission rate = 1.12 lb/hr	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

Unit/Group/Process Information	
ID No.: 101HR15615	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-03
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Maximum CO emission rate = 3.94 lb/hr	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

Unit/Group/Process Information	
ID No.: 101HR15616	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-05
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Maximum CO emission rate = 7.69 lb/hr	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

Unit/Group/Process Information	
ID No.: GRP-DEG	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5412-01
Pollutant: VOC	Main Standard: § 115.412(a)(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: n/a	
Deviation Limit: Monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC §115.412(1)(A) - (F) shall be considered and reported as a deviation	
Basis of monitoring: Maintaining monthly records of the cold solvent cleaner equipment inspections is an effective way to ensure that the system is operating in accordance with its design.	

Unit/Group/Process Information	
ID No.: GRP-TUR03	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-03
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Maximum CO emission rate = 4.22 lb/hr each turbine	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

Unit/Group/Process Information	
ID No.: GRP-TUR05	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-05
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Maximum CO emission rate = 13.94 lb/hr each turbine	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

Unit/Group/Process Information	
ID No.: GRP-TUR06	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-06
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Maximum CO emission rate = 13.10 lb/hr each turbine	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

Unit/Group/Process Information	
ID No.: GRP-TUR08	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-08
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Maximum CO emission rate = 14.78 lb/hr per turbine	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

Unit/Group/Process Information	
ID No.: GRP-TUR11	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-11
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per year	
Averaging Period: n/a	
Deviation Limit: Maximum CO concentration = 400 ppmv at 3.0% O2, dry basis	
Basis of monitoring: It is widely practiced and accepted to calibrate and use a portable analyzer to measure CO concentration with procedures such as EPA Test Method 10 or a CO CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. In addition, if the CO concentration is too high it shows that a control device such as a catalytic converter is not functioning properly, or an emission unit is not obtaining complete combustion.	

Unit/Group/Process Information	
ID No.: GRP-TUR13	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-13
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Maximum CO emission rate = For Unit ID 058CM12051 - 13.79 lb/hr For Unit IDs 078CM12001 and 078CM12002 - 13.39 lb/hr per turbine	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

Unit/Group/Process Information	
ID No.: GRP-TUR14	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7310-14
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: once per week	
Averaging Period: n/a	
Deviation Limit: Maximum CO emission rate = 13.39 lb/hr per turbine	
Basis of monitoring: It is widely practiced and accepted to use AP-42 factors or stack test data and fuel consumption records to demonstrate compliance with an underlying emission limit or standard. The CO mass emission limit in lb/hr is calculated on a weekly basis using the measured fuel consumption and AP-42 factors or data from the most recent stack test. The calculated emission rate is compared to the CO mass emission limit calculated in lb/hr using the maximum fuel consumption rate at the 30 TAC Chapter 117 CO concentration limit of 400 ppmv.	

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

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

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

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

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

Compliance History Review

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on October 28, 2025.
   Site rating: 11.92 / Satisfactory Company rating: 5.53 / Satisfactory
   (High < 0.10; Satisfactory ≥ 0.10 and ≤ 55; Unsatisfactory > 55)
2. Has the permit changed on the basis of the compliance history or site/company rating? .....No

Site/Permit Area Compliance Status Review

1. Were there any out-of-compliance units listed on Form OP-ACPS? .....No
2. Is a compliance plan and schedule included in the permit? .....No

Available Unit Attribute Forms

OP-UA1 - Miscellaneous and Generic Unit Attributes
OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes
OP-UA3 - Storage Tank/Vessel Attributes
OP-UA4 - Loading/Unloading Operations Attributes
OP-UA5 - Process Heater/Furnace Attributes
OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes
OP-UA7 - Flare Attributes
OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes
OP-UA11 - Stationary Turbine Attributes
OP-UA12 - Fugitive Emission Unit Attributes
OP-UA13 - Industrial Process Cooling Tower Attributes
OP-UA14 - Water Separator Attributes
OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
OP-UA16 - Solvent Degreasing Machine Attributes
OP-UA17 - Distillation Unit Attributes
OP-UA18 - Surface Coating Operations Attributes
OP-UA19 - Wastewater Unit Attributes
OP-UA20 - Asphalt Operations Attributes
OP-UA21 - Grain Elevator Attributes

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