

Statement of Basis of the Federal Operating Permit

South Houston Green Power, LLC

Site/Area Name: South Houston Green Power Site
Physical location: 2501 5th Ave S
Nearest City: Texas City
County: Galveston

Permit Number: O2627
Project Type: Prior Approval Requested Revision

Standard Industrial Classification (SIC) Code: 4931
SIC Name: Electric and Other Services Combined

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

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

Prepared on: July 24, 2014

Operating Permit Basis of Determination

Description of Revisions

This site's NSR permits, numbers 46042 and 9463, were amended to incorporate Maintenance, Startup, and Shutdown (MSS) emission on December 06, 2012 and December 07, 2012, respectively. The NSR permit 20492 was rolled into permit number 9463, and removed from the FOP.

Applicability to 40 CFR Part 60, Subpart GGG was removed from the emission unit COG-FUGIT and PRS4-FUGIT because this regulation does not apply to cogeneration facilities per §60.590(a)(1).

Permit Area Process Description

Power station No. 4

Power Station No. 4 is a combined cycle cogeneration power plant consisting of, two gas turbines, two heat recovery steam generators (HRSG), a package boiler and related auxiliary equipment.

Two gas turbine driven generators produce electricity. The gas turbines also produce hot gas turbine exhaust which is routed to the HRSGs for use in the production of steam. The HRSG also have duct burners to increase the production and quality of steam. The steam is routed to a steam turbine which produces electricity and lower pressure steam for the customer or a pressure reduction valve that lowers the steam pressure and then delivers it to the customer.

The gas turbines combust natural gas only, the duct burners in the HRSG can burn natural gas, refinery gas, or a combination of both. The package boiler produces steam for use of the customer. The package boiler can burn natural gas, refinery gas, or a combination of both. A cooling tower is on site to meet the cooling demand of the auxiliary cooling load of the equipment mentioned above and the supporting auxiliary equipment.

Green Power 2

Green Power 2 is combined cycle cogeneration power plant consisting of three gas turbines, three heat recovery steam generators (HRSG), and related auxiliary equipment. The equipment is laid out with one gas turbine, and one HRSG in a train.

Three gas turbine driven generators produce electricity. The gas turbines also produce hot gas turbine exhaust which is routed to the HRSGs for use in the production of steam. The HRSG also have duct burners to increase the production and quality of steam. The steam is routed to the steam turbine which produces electricity and lower pressure steam for the customer or a pressure reduction valve that lowers the steam pressure and then delivers it to the customer.

The steam can also be delivered to a steam turbine which converts the steam into electricity and recycles the steam/water back to condensate system. A cooling tower is located nearby to meet the cooling demands of the steam turbine condenser and the supporting auxiliary equipment.

FOPs at Site

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

Additional FOPs: None

Major Source Pollutants

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

Major Pollutants	VOC, SO ₂ , PM, NO _x , 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

General Terms and Conditions

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

Special Terms and Conditions

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

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

Attachments

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

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

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

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

New Source Review Authorization References. All activities which are related to emissions in the state of Texas must have a NSR authorization prior to beginning construction. This section lists all units in the permit and the NSR authorization that allowed the unit to be constructed or modified. Units that do not have unit specific applicable requirements other than the NSR authorization do not need to be listed in this attachment. While NSR permits are not physically a part of the Title V permit, they are legally incorporated into the Title V permit

by reference. Those NSR permits whose emissions exceed certain PSD/NA thresholds must also undergo a Federal review of federally regulated pollutants in addition to review for state regulated pollutants.

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

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

Appendix A

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

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 Requirement Summary. This is consistent with EPA's White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995, that states that requirements that apply identically to emission units at a site can be treated on a generic basis such as source-wide opacity limits.

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

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

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

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

All other stationary vents subject to 30 TAC Chapter 111 not covered in the Special Terms and Conditions are listed in the permit's Applicable Requirement Summary. The basis for the applicability determinations for these vents are listed in the Determination of Applicable Requirements table.

Federal Regulatory Applicability Determinations

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

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

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.

Acid Rain Permit

The permitted area is subject to Federal Clean Air Act Title IV Acid Rain rules for Phase II units, as codified in 40 CFR Parts 72 through 78, because it meets the definition of "affected source." Applicability of affected sources are defined in 40 CFR § 72.6 and include those sources that burn fossil fuel, and generates electricity for sale. Under 40 CFR Part 72, incorporated by reference into 30 TAC Chapter 122, all acid rain permits must contain specific terms and conditions, including monitoring, reporting, recordkeeping and excess emission requirements, established by the U.S. EPA. The Title IV permitting procedures are described within 30 TAC Chapter 122, Subchapter E. The applicable requirements of the Acid Rain Permit are contained in the Special

Terms and Conditions of the FOP. The Acid Rain permit is effective as of the date of the issuance of the FOP and has a term ending in concurrence with the FOP.

CAIR Permit

The Clean Air Interstate Rule (CAIR) was established to mitigate the interstate transport of NO_x and SO₂ which contribute to the formation of fine particles (PM 2.5) and ground-level ozone. The EPA has promulgated a model cap and trade program in 40 CFR Part 96 to implement CAIR. This rule has been adopted by reference into 30 TAC Chapter 122, Subchapter E, Division 2: Clean Air Interstate Rule.

The permitted area is subject to CAIR as it contains units that meet the definition of a NO_x budget unit in 40 CFR § 96.4(a)(1)-(2) and a CAIR SO₂ unit in 40 CFR § 96.204(a)(1)-(2). The applicable requirements of the CAIR permit are contained in the Special Terms and Conditions of the FOP. The CAIR permit is effective as of the date of the issuance of this revision and has a term ending in concurrence with the FOP.

Insignificant Activities

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

1. Office activities such as photocopying, blueprint copying, and photographic processes.
2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
4. Outdoor barbecue pits, campfires, and fireplaces.
5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.
6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
7. Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
9. Vehicle exhaust from maintenance or repair shops.
10. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
11. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
12. Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
13. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
15. Well cellars.
16. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.

17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.
18. Equipment used exclusively for the melting or application of wax.
19. All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
20. Shell core and shell mold manufacturing machines.
21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

Determination of Applicable Requirements

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

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

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

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

The draft permit includes all emission limitations or standards, monitoring, recordkeeping and reporting required by each applicable requirement. If an applicable requirement does not require monitoring, recordkeeping, or reporting, the word "None" will appear in the Applicable Requirements Summary table. If additional periodic monitoring is required for an applicable requirement, it will be explained in detail in the

portion of this document entitled “Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected.”

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

Operational Flexibility

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

Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-1	30 TAC Chapter 117, Subchapter B	R7300-1	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Acid rain affected unit subject to continuous emissions monitoring requirements of 40 CFR Part 75.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Natural gas.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-1	30 TAC Chapter 117, Subchapter B	R7300-2	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Acid rain affected unit subject to continuous emissions monitoring requirements of 40 CFR Part 75.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-1	30 TAC Chapter 117, Subchapter B	R7300-3	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Acid rain affected unit subject to continuous emissions monitoring requirements of 40 CFR Part 75.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Natural gas.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #2 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRSG-1	40 CFR Part 60, Subpart Db	60Db-1	<p>Construction/Modification Date = Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005.</p> <p>D-Series Fuel Type #1 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NOx Monitoring Type = Continuous emission monitoring system used to comply with 40 CFR Part 75.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>Electrical or Mechanical Output = More than 10% of the annual output is electrical or mechanical.</p> <p>SO2 Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Output Based Limit = The facility is not electing to comply with the output based limit in § 60.44b(l)(3).</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>60.49Da(n) Alternative = The facility is gas- or oil-fired and is using the § 60.49Da(n) alternative.</p> <p>ACF Option - NOx = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRSG-1	40 CFR Part 60, Subpart Db	60Db-2	<p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005.</p> <p>D-Series Fuel Type #1 = Byproduct/waste.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system used to comply with 40 CFR Part 75.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>Electrical or Mechanical Output = More than 10% of the annual output is electrical or mechanical.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Output Based Limit = The facility is not electing to comply with the output based limit in § 60.44b(1)(3).</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>60.49Da(n) Alternative = The facility is gas- or oil-fired and is using the § 60.49Da(n) alternative.</p> <p>ACF Option - NO_x = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-1	40 CFR Part 60, Subpart Db	60Db-3	<p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005.</p> <p>D-Series Fuel Type #1 = Byproduct/waste.</p> <p>D-Series Fuel Type #2 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system used to comply with 40 CFR Part 75.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>Electrical or Mechanical Output = More than 10% of the annual output is electrical or mechanical.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Output Based Limit = The facility is not electing to comply with the output based limit in § 60.44b(l)(3).</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>60.49Da(n) Alternative = The facility is gas- or oil-fired and is using the § 60.49Da(n) alternative.</p> <p>ACF Option - NO_x = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRSO-2	30 TAC Chapter 117, Subchapter B	R7300-1	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Acid rain affected unit subject to continuous emissions monitoring requirements of 40 CFR Part 75.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Natural gas.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRSO-2	30 TAC Chapter 117, Subchapter B	R7300-2	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a). UNIT TYPE = Other industrial, commercial, or institutional boiler. MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr. NOX MONITORING SYSTEM = Acid rain affected unit subject to continuous emissions monitoring requirements of 40 CFR Part 75. OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised. 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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option. CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1). EGF SYSTEM CAP UNIT = The unit is used as an electric generating facility to generate electricity for sale to the electric grid. INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases. NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2). NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv). NH₃ EMISSION MONITORING = Continuous emissions monitoring system. NOX REDUCTIONS = Post combustion control technique with ammonia injection. ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average. COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRSO-2	30 TAC Chapter 117, Subchapter B	R7300-3	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Acid rain affected unit subject to continuous emissions monitoring requirements of 40 CFR Part 75.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Natural gas.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #2 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-2	40 CFR Part 60, Subpart Db	60Db-1	<p>Construction/Modification Date = Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005.</p> <p>D-Series Fuel Type #1 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NOx Monitoring Type = Continuous emission monitoring system used to comply with 40 CFR Part 75.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>Electrical or Mechanical Output = More than 10% of the annual output is electrical or mechanical.</p> <p>SO2 Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Output Based Limit = The facility is not electing to comply with the output based limit in § 60.44b(l)(3).</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>60.49Da(n) Alternative = The facility is gas- or oil-fired and is using the § 60.49Da(n) alternative.</p> <p>ACF Option - NOx = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-2	40 CFR Part 60, Subpart Db	60Db-2	<p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005.</p> <p>D-Series Fuel Type #1 = Byproduct/waste.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system used to comply with 40 CFR Part 75.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>Electrical or Mechanical Output = More than 10% of the annual output is electrical or mechanical.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Output Based Limit = The facility is not electing to comply with the output based limit in § 60.44b(1)(3).</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>60.49Da(n) Alternative = The facility is gas- or oil-fired and is using the § 60.49Da(n) alternative.</p> <p>ACF Option - NO_x = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-2	40 CFR Part 60, Subpart Db	60Db-3	<p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005.</p> <p>D-Series Fuel Type #1 = Byproduct/waste.</p> <p>D-Series Fuel Type #2 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system used to comply with 40 CFR Part 75.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>Electrical or Mechanical Output = More than 10% of the annual output is electrical or mechanical.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Output Based Limit = The facility is not electing to comply with the output based limit in § 60.44b(l)(3).</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>60.49Da(n) Alternative = The facility is gas- or oil-fired and is using the § 60.49Da(n) alternative.</p> <p>ACF Option - NO_x = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-3	30 TAC Chapter 117, Subchapter B	R7300-1	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Acid rain affected unit subject to continuous emissions monitoring requirements of 40 CFR Part 75.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Natural gas.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>
HRS-3	30 TAC Chapter 117, Subchapter B	R7300-2	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Acid rain affected unit subject to continuous emissions monitoring requirements of 40 CFR Part 75.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-3	30 TAC Chapter 117, Subchapter B	R7300-3	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Acid rain affected unit subject to continuous emissions monitoring requirements of 40 CFR Part 75.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Natural gas.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #2 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-3	40 CFR Part 60, Subpart Db	60Db-1	<p>Construction/Modification Date = Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005.</p> <p>D-Series Fuel Type #1 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NOx Monitoring Type = Continuous emission monitoring system used to comply with 40 CFR Part 75.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>Electrical or Mechanical Output = More than 10% of the annual output is electrical or mechanical.</p> <p>SO2 Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Output Based Limit = The facility is not electing to comply with the output based limit in § 60.44b(l)(3).</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>60.49Da(n) Alternative = The facility is gas- or oil-fired and is using the § 60.49Da(n) alternative.</p> <p>ACF Option - NOx = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-3	40 CFR Part 60, Subpart Db	60Db-2	<p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005.</p> <p>D-Series Fuel Type #1 = Byproduct/waste.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system used to comply with 40 CFR Part 75.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>Electrical or Mechanical Output = More than 10% of the annual output is electrical or mechanical.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Output Based Limit = The facility is not electing to comply with the output based limit in § 60.44b(1)(3).</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>60.49Da(n) Alternative = The facility is gas- or oil-fired and is using the § 60.49Da(n) alternative.</p> <p>ACF Option - NO_x = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-3	40 CFR Part 60, Subpart Db	60Db-3	<p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005.</p> <p>D-Series Fuel Type #1 = Byproduct/waste.</p> <p>D-Series Fuel Type #2 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system used to comply with 40 CFR Part 75.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>Electrical or Mechanical Output = More than 10% of the annual output is electrical or mechanical.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Output Based Limit = The facility is not electing to comply with the output based limit in § 60.44b(l)(3).</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>60.49Da(n) Alternative = The facility is gas- or oil-fired and is using the § 60.49Da(n) alternative.</p> <p>ACF Option - NO_x = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B410	30 TAC Chapter 117, Subchapter B	R7300-1	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Natural gas.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B410	30 TAC Chapter 117, Subchapter B	R7300-2	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B410	30 TAC Chapter 117, Subchapter B	R7300-3	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Natural gas.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #2 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B410	40 CFR Part 60, Subpart D	60D-1	<p>Construction/Modification Date = After September 18, 1978.</p> <p>D-Series Fuel Type #1 = Gaseous fossil fuel.</p> <p>Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit.</p> <p>Alternate 43D = No alternative requirement is used for SO₂, unit is complying with requirements of § 60.43(a) and (b).</p> <p>Heat Input Rate = Heat input rate is greater than 250 MMBtu/hr (73 MW).</p> <p>Alternate 42C = The facility is meeting the requirements of § 60.42(a) for PM.</p> <p>Alternate 44E = The facility is meeting the requirements of § 60.44(a), (b), and (d) for NO_x.</p> <p>Flue Gas Desulfurization = The unit does not utilize a flue gas desulfurization device.</p> <p>PM CEMS = The facility does not use a CEMS to measure PM.</p> <p>Fuel Sampling and Analysis = The unit does not use fuel sampling and analysis for monitoring of sulfur dioxide emissions.</p> <p>Gas or Liquid Fuel Only = Burns only gaseous or liquid fossil fuel (not residual oil) with potential SO₂ emissions rates of 0.060 lb/MMBtu or less, does not use post combustion technology to reduce of SO₂ or PM, and monitors SO₂ emissions by sampling or fuel receipts.</p> <p>Cyclone-Fired Unit = The unit is not a cyclone-fired unit.</p> <p>Fuels with 0.33 Percent or Less Sulfur = Facility does not use post combustion technology (except a wet scrubber) for reducing PM, SO₂, or CO, burns only gaseous fuels or fuel oils that contain 0.30 % sulfur by weight or less, and operates so CO emissions are 0.15 lb/MMBtu average.</p> <p>NO_x Monitoring Type = It was demonstrated during the performance test that emissions of NO_x are less than 70% of applicable standards in 40 CFR § 60.44.</p> <p>PM CEMS Petition = No petition has been granted to install a PM CEMS as an alternative to the CEMS for monitoring opacity emissions.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B410	40 CFR Part 60, Subpart D	60D-2	<p>Construction/Modification Date = After September 18, 1978.</p> <p>D-Series Fuel Type #1 = Gaseous fossil fuel.</p> <p>Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit.</p> <p>Alternate 43D = No alternative requirement is used for SO₂, unit is complying with requirements of § 60.43(a) and (b).</p> <p>Heat Input Rate = Heat input rate is greater than 250 MMBtu/hr (73 MW).</p> <p>Alternate 42C = The facility is meeting the requirements of § 60.42(a) for PM.</p> <p>Alternate 44E = The facility is meeting the requirements of § 60.44(a), (b), and (d) for NO_x.</p> <p>Flue Gas Desulfurization = The unit does not utilize a flue gas desulfurization device.</p> <p>PM CEMS = The facility does not use a CEMS to measure PM.</p> <p>Fuel Sampling and Analysis = The unit does not use fuel sampling and analysis for monitoring of sulfur dioxide emissions.</p> <p>Gas or Liquid Fuel Only = Burns only gaseous or liquid fossil fuel (not residual oil) with potential SO₂ emissions rates of 0.060 lb/MMBtu or less, does not use post combustion technology to reduce of SO₂ or PM, and monitors SO₂ emissions by sampling or fuel receipts.</p> <p>Cyclone-Fired Unit = The unit is not a cyclone-fired unit.</p> <p>Fuels with 0.33 Percent or Less Sulfur = Facility does not use post combustion technology (except a wet scrubber) for reducing PM, SO₂, or CO, burns only gaseous fuels or fuel oils that contain 0.30 % sulfur by weight or less, and operates so CO emissions are 0.15 lb/MMBtu average.</p> <p>NO_x Monitoring Type = It was demonstrated during the performance test that emissions of NO_x are less than 70% of applicable standards in 40 CFR § 60.44.</p> <p>PM CEMS Petition = No petition has been granted to install a PM CEMS as an alternative to the CEMS for monitoring opacity emissions.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B410	40 CFR Part 60, Subpart Db	60Db-1	<p>Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997.</p> <p>D-Series Fuel Type #1 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NOx Monitoring Type = Continuous emission monitoring system.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>SO2 Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart E = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart E.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>ACF Option - NOx = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B410	40 CFR Part 60, Subpart Db	60Db-2	<p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997.</p> <p>D-Series Fuel Type #1 = Byproduct/waste.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>ACF Option - NO_x = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B410	40 CFR Part 60, Subpart Db	60Db-3	<p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997.</p> <p>D-Series Fuel Type #1 = Byproduct/waste.</p> <p>D-Series Fuel Type #2 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>ACF Option - NO_x = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>
PRS4-B410	40 CFR Part 60, Subpart Dc	60Dc	CONSTRUCTION/MODIFICATION DATE = On or before June 9, 1989.

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B420	30 TAC Chapter 117, Subchapter B	R7300-1	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Natural gas.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B420	30 TAC Chapter 117, Subchapter B	R7300-2	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B420	30 TAC Chapter 117, Subchapter B	R7300-3	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Natural gas.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #2 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NH₃ EMISSION MONITORING = Continuous emissions monitoring system.</p> <p>NOX REDUCTIONS = Post combustion control technique with ammonia injection.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B420	40 CFR Part 60, Subpart D	60D-1	<p>Construction/Modification Date = After September 18, 1978.</p> <p>D-Series Fuel Type #1 = Gaseous fossil fuel.</p> <p>Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit.</p> <p>Alternate 43D = No alternative requirement is used for SO₂, unit is complying with requirements of § 60.43(a) and (b).</p> <p>Heat Input Rate = Heat input rate is greater than 250 MMBtu/hr (73 MW).</p> <p>Alternate 42C = The facility is meeting the requirements of § 60.42(a) for PM.</p> <p>Alternate 44E = The facility is meeting the requirements of § 60.44(a), (b), and (d) for NO_x.</p> <p>Flue Gas Desulfurization = The unit does not utilize a flue gas desulfurization device.</p> <p>PM CEMS = The facility does not use a CEMS to measure PM.</p> <p>Fuel Sampling and Analysis = The unit does not use fuel sampling and analysis for monitoring of sulfur dioxide emissions.</p> <p>Gas or Liquid Fuel Only = Burns only gaseous or liquid fossil fuel (not residual oil) with potential SO₂ emissions rates of 0.060 lb/MMBtu or less, does not use post combustion technology to reduce of SO₂ or PM, and monitors SO₂ emissions by sampling or fuel receipts.</p> <p>Cyclone-Fired Unit = The unit is not a cyclone-fired unit.</p> <p>Fuels with 0.33 Percent or Less Sulfur = Facility does not use post combustion technology (except a wet scrubber) for reducing PM, SO₂, or CO, burns only gaseous fuels or fuel oils that contain 0.30 % sulfur by weight or less, and operates so CO emissions are 0.15 lb/MMBtu average.</p> <p>NO_x Monitoring Type = It was demonstrated during the performance test that emissions of NO_x are less than 70% of applicable standards in 40 CFR § 60.44.</p> <p>PM CEMS Petition = No petition has been granted to install a PM CEMS as an alternative to the CEMS for monitoring opacity emissions.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B420	40 CFR Part 60, Subpart D	60D-2	<p>Construction/Modification Date = After September 18, 1978.</p> <p>D-Series Fuel Type #1 = Gaseous fossil fuel.</p> <p>Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit.</p> <p>Alternate 43D = No alternative requirement is used for SO₂, unit is complying with requirements of § 60.43(a) and (b).</p> <p>Heat Input Rate = Heat input rate is greater than 250 MMBtu/hr (73 MW).</p> <p>Alternate 42C = The facility is meeting the requirements of § 60.42(a) for PM.</p> <p>Alternate 44E = The facility is meeting the requirements of § 60.44(a), (b), and (d) for NO_x.</p> <p>Flue Gas Desulfurization = The unit does not utilize a flue gas desulfurization device.</p> <p>PM CEMS = The facility does not use a CEMS to measure PM.</p> <p>Fuel Sampling and Analysis = The unit does not use fuel sampling and analysis for monitoring of sulfur dioxide emissions.</p> <p>Gas or Liquid Fuel Only = Burns only gaseous or liquid fossil fuel (not residual oil) with potential SO₂ emissions rates of 0.060 lb/MMBtu or less, does not use post combustion technology to reduce of SO₂ or PM, and monitors SO₂ emissions by sampling or fuel receipts.</p> <p>Cyclone-Fired Unit = The unit is not a cyclone-fired unit.</p> <p>Fuels with 0.33 Percent or Less Sulfur = Facility does not use post combustion technology (except a wet scrubber) for reducing PM, SO₂, or CO, burns only gaseous fuels or fuel oils that contain 0.30 % sulfur by weight or less, and operates so CO emissions are 0.15 lb/MMBtu average.</p> <p>NO_x Monitoring Type = It was demonstrated during the performance test that emissions of NO_x are less than 70% of applicable standards in 40 CFR § 60.44.</p> <p>PM CEMS Petition = No petition has been granted to install a PM CEMS as an alternative to the CEMS for monitoring opacity emissions.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B420	40 CFR Part 60, Subpart Db	60Db-1	<p>Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997.</p> <p>D-Series Fuel Type #1 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NOx Monitoring Type = Continuous emission monitoring system.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>SO2 Monitoring Type = No SO2 monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart E = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart E.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO2 = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>ACF Option - NOx = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B420	40 CFR Part 60, Subpart Db	60Db-2	<p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997.</p> <p>D-Series Fuel Type #1 = Byproduct/waste.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>ACF Option - NO_x = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B420	40 CFR Part 60, Subpart Db	60Db-3	<p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997.</p> <p>D-Series Fuel Type #1 = Byproduct/waste.</p> <p>D-Series Fuel Type #2 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = Duct burner as part of combined cycle system (compliance on a 30-day rolling average basis determined by using a continuous emission monitoring system).</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>ACF Option - NO_x = Other ACF or no ACF.</p> <p>Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.</p>
PRS4-B420	40 CFR Part 60, Subpart Dc	60Dc	CONSTRUCTION/MODIFICATION DATE = On or before June 9, 1989.

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B430	30 TAC Chapter 117, Subchapter B	R7300-1	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Natural gas.</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NOX REDUCTIONS = Forced flue gas recirculation.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>
PRS4-B430	30 TAC Chapter 117, Subchapter B	R7300-2	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NOX REDUCTIONS = Forced flue gas recirculation.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B430	30 TAC Chapter 117, Subchapter B	R7300-3	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(a).</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 250 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p> <p>OPT-IN UNIT = The unit is not an opt-in eligible unit or the option is not exercised.</p> <p>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).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>EGF SYSTEM CAP UNIT = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #1 [REG VII] = Natural gas.</p> <p>INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES FUEL TYPE #2 [REG VII] = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in parts per million by volume (ppmv).</p> <p>NOX REDUCTIONS = Forced flue gas recirculation.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.2(10¹¹) Btu/yr, based on rolling 12-month average.</p> <p>COMMON STACK COMBINED = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is 2.2(10¹¹) Btu/yr or less.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B430	40 CFR Part 60, Subpart Db	60Db-1	<p>Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997.</p> <p>D-Series Fuel Type #1 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NOx Monitoring Type = Continuous emission monitoring system.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>SO2 Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart E = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart E.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = OTHER UNIT TYPE</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>Heat Release Rate = Natural gas with a heat release rate less than or equal to 70 MBtu/hr/ft³.</p> <p>ACF Option - NOx = Other ACF or no ACF.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B430	40 CFR Part 60, Subpart Db	60Db-2	<p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997.</p> <p>D-Series Fuel Type #1 = Byproduct/waste.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = OTHER UNIT TYPE</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>Heat Release Rate = Natural gas with a heat release rate less than or equal to 70 MBtu/hr/ft³.</p> <p>ACF Option - NO_x = Other ACF or no ACF.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B430	40 CFR Part 60, Subpart Db	60Db-3	<p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997.</p> <p>D-Series Fuel Type #1 = Byproduct/waste.</p> <p>D-Series Fuel Type #2 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = No particulate (opacity) monitoring.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = OTHER UNIT TYPE</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>Heat Release Rate = Natural gas with a heat release rate less than or equal to 70 MBtu/hr/ft³.</p> <p>ACF Option - NO_x = Other ACF or no ACF.</p>
PRS4-B430	40 CFR Part 60, Subpart Dc	60Dc	<p>CONSTRUCTION/MODIFICATION DATE = After June 9, 1989 but on or before February 28, 2005.</p> <p>MAXIMUM DESIGN HEAT INPUT CAPACITY = Maximum design heat input capacity is greater than 100 MMBtu/hr (29 MW).</p>

Unit ID	Regulation	Index Number	Basis of Determination*
CTG-1	30 TAC Chapter 117, Subchapter B	R7300	<p>FUEL FLOW MONITORING = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).</p> <p>MEGAWATT RATING = MR is greater than or equal to 30 MW.</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1).</p> <p>EGF SYSTEM CAP UNIT = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>AVERAGING METHOD = Complying with the applicable emission limits using a block one-hour average.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX REDUCTIONS/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Post combustion control technique with ammonia injection.</p> <p>SERVICE TYPE/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Stationary gas turbine.</p> <p>NH₃ MONITORING = Continuous emissions monitoring system.</p> <p>NOX EMISSION LIMITATION = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11).</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p>
CTG-1	40 CFR Part 60, Subpart GG	60GG	<p>DUCT BURNER = The turbine is part of a combined cycle turbine system equipped with supplemental heat (duct burner).</p> <p>NITROGEN OXIDES (NOX) CONTROL METHOD [NSPS GG] = Selective catalytic reduction.</p> <p>PEAK LOAD HEAT INPUT [NSPS GG] = Heat Input is greater than 100 MMBtu/hr (107.2 GJ/hr)</p> <p>CONSTRUCTION/MODIFICATION DATE [NSPS GG] = On or after October 3, 1982 and before July 8, 2004.</p> <p>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).</p> <p>NOX MONITORING METHOD = Continuous emission monitoring system.</p> <p>SULFUR CONTENT [NSPS GG] = Compliance is not demonstrated by determining the sulfur content of the fuel.</p> <p>TURBINE CYCLE = Unit recovers heat from the gas turbine exhaust to heat water or generate steam.</p> <p>40 CFR 60 (NSPS) SUBPART GG SERVICE TYPE = Electric utility generation.</p> <p>FUEL TYPE FIRED = Natural gas meeting the definition in § 60.331(u).</p> <p>FUEL SUPPLY [NSPS GG] = Stationary gas turbine is supplied its fuel without intermediate bulk storage.</p> <p>FUEL MONITORING SCHEDULE = Previously approved custom fuel monitoring schedule.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
CTG-2	30 TAC Chapter 117, Subchapter B	R7300	<p>FUEL FLOW MONITORING = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).</p> <p>MEGAWATT RATING = MR is greater than or equal to 30 MW.</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1).</p> <p>EGF SYSTEM CAP UNIT = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>AVERAGING METHOD = Complying with the applicable emission limits using a block one-hour average.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX REDUCTIONS/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Post combustion control technique with ammonia injection.</p> <p>SERVICE TYPE/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Stationary gas turbine.</p> <p>NH₃ MONITORING = Continuous emissions monitoring system.</p> <p>NOX EMISSION LIMITATION = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11).</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p>
CTG-2	40 CFR Part 60, Subpart GG	60GG	<p>DUCT BURNER = The turbine is part of a combined cycle turbine system equipped with supplemental heat (duct burner).</p> <p>NITROGEN OXIDES (NOX) CONTROL METHOD [NSPS GG] = Selective catalytic reduction.</p> <p>PEAK LOAD HEAT INPUT [NSPS GG] = Heat Input is greater than 100 MMBtu/hr (107.2 GJ/hr)</p> <p>CONSTRUCTION/MODIFICATION DATE [NSPS GG] = On or after October 3, 1982 and before July 8, 2004.</p> <p>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).</p> <p>NOX MONITORING METHOD = Continuous emission monitoring system.</p> <p>SULFUR CONTENT [NSPS GG] = Compliance is not demonstrated by determining the sulfur content of the fuel.</p> <p>TURBINE CYCLE = Unit recovers heat from the gas turbine exhaust to heat water or generate steam.</p> <p>40 CFR 60 (NSPS) SUBPART GG SERVICE TYPE = Electric utility generation.</p> <p>FUEL TYPE FIRED = Natural gas meeting the definition in § 60.331(u).</p> <p>FUEL SUPPLY [NSPS GG] = Stationary gas turbine is supplied its fuel without intermediate bulk storage.</p> <p>FUEL MONITORING SCHEDULE = Previously approved custom fuel monitoring schedule.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
CTG-3	30 TAC Chapter 117, Subchapter B	R7300	<p>FUEL FLOW MONITORING = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).</p> <p>MEGAWATT RATING = MR is greater than or equal to 30 MW.</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1).</p> <p>EGF SYSTEM CAP UNIT = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>AVERAGING METHOD = Complying with the applicable emission limits using a block one-hour average.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX REDUCTIONS/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Post combustion control technique with ammonia injection.</p> <p>SERVICE TYPE/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Stationary gas turbine.</p> <p>NH₃ MONITORING = Continuous emissions monitoring system.</p> <p>NOX EMISSION LIMITATION = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11).</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p>
CTG-3	40 CFR Part 60, Subpart GG	60GG	<p>DUCT BURNER = The turbine is part of a combined cycle turbine system equipped with supplemental heat (duct burner).</p> <p>NITROGEN OXIDES (NOX) CONTROL METHOD [NSPS GG] = Selective catalytic reduction.</p> <p>PEAK LOAD HEAT INPUT [NSPS GG] = Heat Input is greater than 100 MMBtu/hr (107.2 GJ/hr)</p> <p>CONSTRUCTION/MODIFICATION DATE [NSPS GG] = On or after October 3, 1982 and before July 8, 2004.</p> <p>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).</p> <p>NOX MONITORING METHOD = Continuous emission monitoring system.</p> <p>SULFUR CONTENT [NSPS GG] = Compliance is not demonstrated by determining the sulfur content of the fuel.</p> <p>TURBINE CYCLE = Unit recovers heat from the gas turbine exhaust to heat water or generate steam.</p> <p>40 CFR 60 (NSPS) SUBPART GG SERVICE TYPE = Electric utility generation.</p> <p>FUEL TYPE FIRED = Natural gas meeting the definition in § 60.331(u).</p> <p>FUEL SUPPLY [NSPS GG] = Stationary gas turbine is supplied its fuel without intermediate bulk storage.</p> <p>FUEL MONITORING SCHEDULE = Previously approved custom fuel monitoring schedule.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B410T	30 TAC Chapter 117, Subchapter B	R7300	<p>FUEL FLOW MONITORING = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).</p> <p>MEGAWATT RATING = MR is greater than or equal to 30 MW.</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1).</p> <p>EGF SYSTEM CAP UNIT = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>AVERAGING METHOD = Complying with the applicable emission limits using a block one-hour average.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX REDUCTIONS/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Post combustion control technique with ammonia injection.</p> <p>SERVICE TYPE/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Stationary gas turbine.</p> <p>NH₃ MONITORING = Continuous emissions monitoring system.</p> <p>NOX EMISSION LIMITATION = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11).</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p>
PRS4-B410T	40 CFR Part 60, Subpart GG	60GG	<p>PEAK LOAD HEAT INPUT [NSPS GG] = Heat Input is greater than 100 MMBtu/hr (107.2 GJ/hr)</p> <p>CONSTRUCTION/MODIFICATION DATE [NSPS GG] = On or after October 3, 1982 and before July 8, 2004.</p> <p>SULFUR CONTENT [NSPS GG] = Compliance is not demonstrated by determining the sulfur content of the fuel.</p> <p>TURBINE CYCLE = Unit recovers heat from the gas turbine exhaust to heat water or generate steam.</p> <p>40 CFR 60 (NSPS) SUBPART GG SERVICE TYPE = Type of service other than research and development, emergency, military or electrical utility generation.</p> <p>FUEL TYPE FIRED = Natural gas meeting the definition in § 60.331(u).</p> <p>FEDERAL REGISTER [NSPS GG] = Not required in the September 10, 1979 Federal Register (44 FR 52792) to comply with 40 CFR § 60.332(a)(1).</p> <p>FUEL SUPPLY [NSPS GG] = Stationary gas turbine is supplied its fuel without intermediate bulk storage.</p> <p>FUEL MONITORING SCHEDULE = Fuel meets the definition of natural gas in 40 CFR § 60.331(u) and is not monitored.</p> <p>MANUFACTURER'S BASE LOAD [NSPS GG] = Base load is greater than 30 MW.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B420T	30 TAC Chapter 117, Subchapter B	R7300	<p>FUEL FLOW MONITORING = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).</p> <p>MEGAWATT RATING = MR is greater than or equal to 30 MW.</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1).</p> <p>EGF SYSTEM CAP UNIT = The engine is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>AVERAGING METHOD = Complying with the applicable emission limits using a block one-hour average.</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1).</p> <p>NH₃ EMISSION LIMITATION = Title 30 TAC § 117.310(c)(2).</p> <p>NOX REDUCTIONS/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Post combustion control technique with ammonia injection.</p> <p>SERVICE TYPE/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Stationary gas turbine.</p> <p>NH₃ MONITORING = Continuous emissions monitoring system.</p> <p>NOX EMISSION LIMITATION = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(10) or 117.310(a)(11).</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p>
PRS4-B420T	40 CFR Part 60, Subpart GG	60GG	<p>PEAK LOAD HEAT INPUT [NSPS GG] = Heat Input is greater than 100 MMBtu/hr (107.2 GJ/hr)</p> <p>CONSTRUCTION/MODIFICATION DATE [NSPS GG] = On or after October 3, 1982 and before July 8, 2004.</p> <p>SULFUR CONTENT [NSPS GG] = Compliance is not demonstrated by determining the sulfur content of the fuel.</p> <p>TURBINE CYCLE = Unit recovers heat from the gas turbine exhaust to heat water or generate steam.</p> <p>40 CFR 60 (NSPS) SUBPART GG SERVICE TYPE = Type of service other than research and development, emergency, military or electrical utility generation.</p> <p>FUEL TYPE FIRED = Natural gas meeting the definition in § 60.331(u).</p> <p>FEDERAL REGISTER [NSPS GG] = Not required in the September 10, 1979 Federal Register (44 FR 52792) to comply with 40 CFR § 60.332(a)(1).</p> <p>FUEL SUPPLY [NSPS GG] = Stationary gas turbine is supplied its fuel without intermediate bulk storage.</p> <p>FUEL MONITORING SCHEDULE = Fuel meets the definition of natural gas in 40 CFR § 60.331(u) and is not monitored.</p> <p>MANUFACTURER'S BASE LOAD [NSPS GG] = Base load is greater than 30 MW.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
COG-FUGIT1	40 CFR Part 60, Subpart GGG	60GGG	<p> ANY COMPRESSORS = NO CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = NO FLANGES AND OTHER CONNECTORS = YES FLARE = NO SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = NO COMPRESSORS IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = NO RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = NO COMPLYING WITH § 60.482-5 = YES COMPLYING WITH § 60.482-7 = YES COMPLYING WITH § 60.482-8 = YES OPEN-ENDED VALVES OR LINES = YES VALVES IN HEAVY LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES COMPLYING WITH § 60.482-6 = YES COMPLYING WITH § 60.482-8 = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = YES </p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-FUGIT	40 CFR Part 60, Subpart GGG	60GGG	ANY COMPRESSORS = NO CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = NO CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 ENCLOSED COMBUSTION DEVICE = NO EQUIPMENT IN VACUUM SERVICE = NO FLANGES AND OTHER CONNECTORS = YES FLARE = NO SAMPLING CONNECTION SYSTEMS = YES VALVES IN GAS/VAPOR OR LIGHT LIQUID SERVICE = YES VAPOR RECOVERY SYSTEM = NO AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO COMPRESSORS IN HYDROGEN SERVICE = NO COMPRESSORS IN HYDROGEN SERVICE EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN LIGHT LIQUID SERVICE = NO RECIPROCATING COMPRESSORS THAT BECAME AFFECTED FACILITY PER § 60.14 OR § 60.15 = NO COMPLYING WITH § 60.482-5 = YES COMPLYING WITH § 60.482-7 = YES COMPLYING WITH § 60.482-8 = YES OPEN-ENDED VALVES OR LINES = YES VALVES IN HEAVY LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PUMPS IN HEAVY LIQUID SERVICE = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE = YES COMPLYING WITH § 60.482-6 = YES COMPLYING WITH § 60.482-8 = YES PRESSURE RELIEF DEVICES IN LIGHT LIQUID SERVICE = NO COMPLYING WITH § 60.482-8 = YES EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-8 = YES
805-CLGTWR	40 CFR Part 63, Subpart Q	63Q	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.
COG-CTWR1	40 CFR Part 63, Subpart Q	63Q	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.
PRS4-CTWR	40 CFR Part 63, Subpart Q	63Q	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.

Unit ID	Regulation	Index Number	Basis of Determination*
HRS-1V	30 TAC Chapter 111, Visible Emissions	R1111	<p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.</p> <p>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).</p> <p>Construction Date = After January 31, 1972</p> <p>Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.</p>
HRS-2V	30 TAC Chapter 111, Visible Emissions	R1111	<p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.</p> <p>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).</p> <p>Construction Date = After January 31, 1972</p> <p>Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.</p>
HRS-3V	30 TAC Chapter 111, Visible Emissions	R1111	<p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.</p> <p>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).</p> <p>Construction Date = After January 31, 1972</p> <p>Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.</p>
PRS4-B410V	30 TAC Chapter 111, Visible Emissions	R1111	<p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.</p> <p>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).</p> <p>Construction Date = After January 31, 1972</p> <p>Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.</p>
PRS4-B420V	30 TAC Chapter 111, Visible Emissions	R1111	<p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.</p> <p>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).</p> <p>Construction Date = After January 31, 1972</p> <p>Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRS4-B430V	30 TAC Chapter 111, Visible Emissions	R1111	<p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.</p> <p>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).</p> <p>Construction Date = After January 31, 1972</p> <p>Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.</p>

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

NSR Versus Title V FOP

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

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

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

New Source Review Requirements

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

Additionally, the site contains emission units that are permitted by rule under the requirements of 30 TAC Chapter 106, Permits by Rule. The following table specifies the permits by rule that apply to the site. All current permits by rule are contained in Chapter 106. Outdated 30 TAC Chapter 106 permits by rule may be viewed at the following Web site:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html

Outdated Standard Exemption lists may be viewed at the following Web site:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX649	Issuance Date: 12/07/2012
PSD Permit No.: PSDTX981	Issuance Date: 12/06/2012
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.: 106574	Issuance Date: 11/02/2012
Authorization No.: 46042	Issuance Date: 12/06/2012
Authorization No.: 9463	Issuance Date: 12/07/2012
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.102	Version No./Date: 09/04/2000
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.316	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.373	Version No./Date: 09/04/2000
Number: 106.451	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000

Number: 106.473	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 09/04/2000

Emission Units and Emission Points

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

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

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

Monitoring Sufficiency

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

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

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

Periodic Monitoring:

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

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

Unit/Group/Process Information	
ID No.: HRSG-2V	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Opacity in excess of 15%	
<p>Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.</p>	

Unit/Group/Process Information	
ID No.: HRSG-3V	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Opacity in excess of 15%	
<p>Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.</p>	

Unit/Group/Process Information	
ID No.: PRS4-B410	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart D	SOP Index No.: 60D-2
Pollutant: PM	Main Standard: § 60.42(a)(1)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Visible emissions above 20% opacity	
<p>Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.</p>	

Unit/Group/Process Information	
ID No.: PRS4-B410	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart D	SOP Index No.: 60D-1
Pollutant: NO _x	Main Standard: § 60.44(a)(1)
Monitoring Information	
Indicator: NO _x Concentration	
Minimum Frequency: Four times per hour	
Averaging Period: One hour	
Deviation Limit: 0.200 lb NO _x /MMBtu	
<p>Basis of monitoring: It is widely practiced and accepted to calibrate and use a portable analyzer or NO_x CEMS/PEMS to measure NO_x concentration with procedures such as EPA Test Method 7. 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. Additionally, measuring the NO_x concentration is provided as a monitoring option for any control device because an increase in NO_x concentration may be indicative of the control device performance. Outlet NO_x concentration has been used as an indicator in many federal and state rules.</p>	

Unit/Group/Process Information	
ID No.: PRS4-B410	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart D	SOP Index No.: 60D-2
Pollutant: NO _x	Main Standard: § 60.44(a)(1)
Monitoring Information	
Indicator: NO _x Concentration	
Minimum Frequency: Four times per hour	
Averaging Period: One hour	
Deviation Limit: 0.200 lb NO _x /MMBtu	
<p>Basis of monitoring: It is widely practiced and accepted to calibrate and use a portable analyzer or NO_x CEMS/PEMS to measure NO_x concentration with procedures such as EPA Test Method 7. 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. Additionally, measuring the NO_x concentration is provided as a monitoring option for any control device because an increase in NO_x concentration may be indicative of the control device performance. Outlet NO_x concentration has been used as an indicator in many federal and state rules.</p>	

Unit/Group/Process Information	
ID No.: PRS4-B410V	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Opacity in excess of 15%	
<p>Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.</p>	

Unit/Group/Process Information	
ID No.: PRS4-B420	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart D	SOP Index No.: 60D-2
Pollutant: PM	Main Standard: § 60.42(a)(1)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Visible emissions above 20% opacity	
<p>Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.</p>	

Unit/Group/Process Information	
ID No.: PRS4-B420	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart D	SOP Index No.: 60D-1
Pollutant: NO _x	Main Standard: § 60.44(a)(1)
Monitoring Information	
Indicator: NO _x Concentration	
Minimum Frequency: Four times per hour	
Averaging Period: One hour	
Deviation Limit: 0.200 lb NO _x /MMBtu	
<p>Basis of monitoring: It is widely practiced and accepted to calibrate and use a portable analyzer or NO_x CEMS/PEMS to measure NO_x concentration with procedures such as EPA Test Method 7. 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. Additionally, measuring the NO_x concentration is provided as a monitoring option for any control device because an increase in NO_x concentration may be indicative of the control device performance. Outlet NO_x concentration has been used as an indicator in many federal and state rules.</p>	

Unit/Group/Process Information	
ID No.: PRS4-B420	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart D	SOP Index No.: 60D-2
Pollutant: NO _x	Main Standard: § 60.44(a)(1)
Monitoring Information	
Indicator: NO _x Concentration	
Minimum Frequency: Four times per hour	
Averaging Period: One hour	
Deviation Limit: 0.200 lb NO _x /MMBtu	
<p>Basis of monitoring: It is widely practiced and accepted to calibrate and use a portable analyzer or NO_x CEMS/PEMS to measure NO_x concentration with procedures such as EPA Test Method 7. 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. Additionally, measuring the NO_x concentration is provided as a monitoring option for any control device because an increase in NO_x concentration may be indicative of the control device performance. Outlet NO_x concentration has been used as an indicator in many federal and state rules.</p>	

Unit/Group/Process Information	
ID No.: PRS4-B420V	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Opacity in excess of 15%	
<p>Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.</p>	

Unit/Group/Process Information	
ID No.: PRS4-B430V	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Opacity in excess of 15%	
<p>Basis of monitoring: The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.</p>	

Available Unit Attribute Forms

OP-UA1 - Miscellaneous and Generic Unit Attributes
OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes
OP-UA3 - Storage Tank/Vessel Attributes
OP-UA4 - Loading/Unloading Operations Attributes
OP-UA5 - Process Heater/Furnace Attributes
OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes
OP-UA7 - Flare Attributes
OP-UA8 - Coal Preparation Plant Attributes
OP-UA9 - Nonmetallic Mineral Process Plant Attributes
OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes
OP-UA11 - Stationary Turbine Attributes
OP-UA12 - Fugitive Emission Unit Attributes
OP-UA13 - Industrial Process Cooling Tower Attributes
OP-UA14 - Water Separator Attributes
OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
OP-UA16 - Solvent Degreasing Machine Attributes
OP-UA17 - Distillation Unit Attributes
OP-UA18 - Surface Coating Operations Attributes
OP-UA19 - Wastewater Unit Attributes
OP-UA20 - Asphalt Operations Attributes
OP-UA21 - Grain Elevator Attributes
OP-UA22 - Printing Attributes
OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes
OP-UA25 - Synthetic Fiber Production Attributes
OP-UA26 - Electroplating and Anodizing Unit Attributes
OP-UA27 - Nitric Acid Manufacturing Attributes
OP-UA28 - Polymer Manufacturing Attributes
OP-UA29 - Glass Manufacturing Unit Attributes
OP-UA30 - Kraft, Soda, Sulfite, and Stand-Alone Semicheical Pulp Mill Attributes
OP-UA31 - Lead Smelting Attributes
OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes
OP-UA33 - Metallic Mineral Processing Plant Attributes
OP-UA34 - Pharmaceutical Manufacturing
OP-UA35 - Incinerator Attributes
OP-UA36 - Steel Plant Unit Attributes
OP-UA37 - Basic Oxygen Process Furnace Unit Attributes
OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes
OP-UA39 - Sterilization Source Attributes
OP-UA40 - Ferroalloy Production Facility Attributes
OP-UA41 - Dry Cleaning Facility Attributes
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes
OP-UA43 - Sulfuric Acid Production Attributes
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes
OP-UA45 - Surface Impoundment Attributes
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes
OP-UA47 - Ship Building and Ship Repair Unit Attributes
OP-UA48 - Air Oxidation Unit Process Attributes
OP-UA49 - Vacuum-Producing System Attributes
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes

OP-UA51 - Dryer/Kiln/Oven Attributes
OP-UA52 - Closed Vent Systems and Control Devices
OP-UA53 - Beryllium Processing Attributes
OP-UA54 - Mercury Chlor-Alkali Cell Attributes
OP-UA55 - Transfer System Attributes
OP-UA56 - Vinyl Chloride Process Attributes
OP-UA57 - Cleaning/Depainting Operation Attributes
OP-UA58 - Treatment Process Attributes
OP-UA59 - Coke By-Product Recovery Plant Attributes
OP-UA60 - Chemical Manufacturing Process Unit Attributes
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes
OP-UA62 - Glycol Dehydration Unit Attributes
OP-UA63 - Vegetable Oil Production Attributes