

Statement of Basis of the Federal Operating Permit

Total Petrochemicals & Refining USA, Inc.

Site/Area Name: La Porte Polypropylene Plant
Physical location: 1818 Independence Pkwy South
Nearest City: La Porte
County: Harris

Permit Number: O1293
Project Type: Minor Revision

Standard Industrial Classification (SIC) Code: 2821
SIC Name: Plastics Materials

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

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

Prepared on: April 29, 2014

Operating Permit Basis of Determination

Description of Revisions

This minor revision included the following:

1. Adding MACT ZZZZ applicability to units: M3B-PU-206, M3B-PU-207 and M3B-PU-208
2. Removing MACT ZZZZ negative applicability for units: M3B-PU-206, M3B-PU-207 and M3B-PU-208
3. Removing emission units that are no longer in operation at site: M3B-PU-251 and TC-V-1058
4. Adding PBR authorization to several units
5. Updating 30 TAC Chapter 115 applicability for M3B-V-822
6. Removing 30 TAC Chapter 115 negative applicability from M3B-V-822
7. Adding GRP-SMALLTK (miscellaneous storage tanks)
8. Issuance dates for NSR permits 18153, 21538 and 3908B are updated.

Permit Area Process Description

FOPs at Site

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

Additional FOPs: None

Major Source Pollutants

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

Major Pollutants	VOC, NOX, CO
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Reading State of Texas’s Federal Operating Permit

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

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

- General Terms and Conditions
- Special Terms and Conditions
 - Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting
 - Additional Monitoring Requirements
 - New Source Review Authorization Requirements
 - Compliance Requirements
 - Protection of Stratosphere Ozone

- Permit Location
- Permit Shield (30 TAC § 122.148)
- Attachments
 - Applicable Requirements Summary
 - Unit Summary
 - Applicable Requirements Summary
 - Additional Monitoring Requirements
 - Permit Shield
 - New Source Review Authorization References
 - Compliance Plan
 - Alternative Requirements
- Appendix A
 - Acronym list

General Terms and Conditions

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

Special Terms and Conditions

Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting: The TCEQ has designated certain applicable requirements as site-wide requirements. A site-wide requirement is a requirement that applies uniformly to all the units or activities at the site. Units with only site-wide requirements are addressed on Form OP-REQ1 and are not required to be listed separately on 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)(A) and (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 before January 31, 1972 which are limited, over a six-minute average, to 30% opacity as required by 30 TAC § 111.111(a)(1)(A). The site also 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)(A) to verify compliance with the 30% opacity limit and Special Term and Condition 3.B. 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 30% opacity standard of 30 TAC § 111.111(a)(1)(A) and 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)(A) and 30 TAC § 111.111(a)(1)(B). An additional provision is included to monitor combustion sources more frequently than quarterly if alternate fuels are burned for periods greater than 24 consecutive hours. This will address possible emissions that may arise when switching fuel types.

Federal Regulatory Applicability Determinations

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

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

Basis for Applying Permit Shields

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

Insignificant Activities

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

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

21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

Determination of Applicable Requirements

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

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

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

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

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

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

Operational Flexibility

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

Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*
M3B-PU-206	30 TAC Chapter 117, Subchapter B	R7300	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average
M3B-PU-206	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-01	Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp. Manufacture Date = The stationary RICE was manufactured prior to January 1, 2008. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Nonindustrial Emergency Engine = Stationary RICE is not defined as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use. Stationary RICE Type = Compression ignition engine
M3B-PU-207	30 TAC Chapter 117, Subchapter B	R7300	Horsepower Rating = GOP 150+ hp Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average
M3B-PU-207	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-01	Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp. Manufacture Date = The stationary RICE was manufactured prior to January 1, 2008. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Nonindustrial Emergency Engine = Stationary RICE is not defined as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use. Stationary RICE Type = Compression ignition engine
M3B-PU-208	30 TAC Chapter 117, Subchapter B	R7300	Horsepower Rating = GOP 150+ hp Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, located in the Houston/Galveston/Brazoria ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average
M3B-PU-208	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-01	Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp. Manufacture Date = The stationary RICE was manufactured prior to January 1, 2008. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Nonindustrial Emergency Engine = Stationary RICE is not defined as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Service Type = Emergency use. Stationary RICE Type = Compression ignition engine
M1-EV-108D	30 TAC Chapter 115, Storage of VOCs	R5121	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons
M1-EV-108D	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = On or before June 11, 1973

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
M1-EV-108D	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
M1-EV-108D	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
M1-EV-108G	30 TAC Chapter 115, Storage of VOCs	R5121	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Gasoline from a storage container in motor vehicle fuel dispensing service (as defined in 30 TAC Chapter 115) Storage Capacity = Capacity is less than 25,000 gallons
M1-EV-108G	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = On or before June 11, 1973 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
M1-EV-108G	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
M1-EV-108G	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Stored product other than volatile organic liquid or petroleum liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
M1-EV-108S	30 TAC Chapter 115, Storage of VOCs	R5121	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons
M1-EV-108S	40 CFR Part 60, Subpart K	60K	Construction/Modification Date = On or before June 11, 1973 Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
M1-EV-108S	40 CFR Part 60, Subpart Ka	60Ka	Product Stored = Stored product other than a petroleum liquid Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
M1-EV-108S	40 CFR Part 60, Subpart Kb	60Kb	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
M3B-V-822	30 TAC Chapter 115, Storage of VOCs	R5112-02	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
M3B-V-822	40 CFR Part 60,	60Kb	Product Stored = Volatile organic liquid

Unit ID	Regulation	Index Number	Basis of Determination*
	Subpart Kb		Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
SMALLTK	30 TAC Chapter 115, Storage of VOCs	R5112-01	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p>
SITE-LOAD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-HIVP	<p>Chapter 115 Control Device Type = No control device.</p> <p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = Not all liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Only unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(A) or 30 TAC § 115.217(b)(3)(A) exemption is not utilized.</p>
SITE-LOAD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-LOWVP	<p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Only unloading.</p> <p>True Vapor Pressure = True vapor pressure less than 0.5 psia.</p>
M1-B-401	30 TAC Chapter 117, Subchapter B	R7300-NG	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Maximum emission rate testing.</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(e)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Monitored by method other than CEMS or PEMS.</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 pounds/hour on a block one-hour average.</p> <p>NOX REDUCTIONS = No NO_x reduction.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.8(10 ¹¹) Btu/yr, based on rolling 12-month average.
M1-B-401	40 CFR Part 60, Subpart Dc	60Dc	CONSTRUCTION/MODIFICATION DATE = On or before June 9, 1989.
M1-B-404	30 TAC Chapter 117, Subchapter B	R7300-NG	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Maximum emission rate testing.</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 = Monitored by method other than CEMS or PEMS.</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 pounds/hour on a block one-hour average.</p> <p>NOX REDUCTIONS = No NO_x reduction.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.8(10¹¹) Btu/yr, based on rolling 12-month average.</p>
M1-B-404	40 CFR Part 60, Subpart Dc	60Dc	CONSTRUCTION/MODIFICATION DATE = On or before June 9, 1989.
M2A-BO-1	30 TAC Chapter 117, Subchapter B	R7300-GS	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Maximum emission rate testing.</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 = Monitored by method other than CEMS or PEMS.</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 pounds/hour on a block one-hour average.</p> <p>NOX REDUCTIONS = Induced flue gas recirculation.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.8(10¹¹) Btu/yr, based on rolling 12-month average.</p>
M2A-BO-1	30 TAC Chapter 117, Subchapter B	R7300-NG	NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Maximum emission rate testing.</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 = Monitored by method other than CEMS or PEMS.</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 pounds/hour on a block one-hour average.</p> <p>NOX REDUCTIONS = Induced flue gas recirculation.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.8(10¹¹) Btu/yr, based on rolling 12-month average.</p>
M2A-BO-1	40 CFR Part 60, Subpart Dc	60Dc	CONSTRUCTION/MODIFICATION DATE = On or before June 9, 1989.
M2A-BO-3	30 TAC Chapter 112, Sulfur Compounds	R2112-1	<p>30 TAC CHAPTER 112 (REG II) FUEL TYPE = Liquid fuel with a sulfur content less than or equal to 0.3% by weight.</p> <p>30 TAC CHAPTER 112 (REG II) HEAT INPUT = Design heat input is less than or equal to 250 MMBtu/hr.</p> <p>STACK HEIGHT [REG II] = The effective stack height is at least the standard effective stack height for each stack to which the unit routes emissions.</p>
M2A-BO-3	30 TAC Chapter 117, Subchapter B	R7300-GS	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p> <p>FUEL FLOW MONITORING = Unit operates with a NO_x and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a)(2)(A) or 117.440(a)(2)(A).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Monitored by method other than CEMS or PEMS.</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 pounds/hour on a block one-hour average.</p> <p>NOX REDUCTIONS = No NO_x reduction.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.8(10¹¹) Btu/yr, based on rolling 12-month average.</p>
M2A-BO-3	30 TAC Chapter 117, Subchapter B	R7300-LQD	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p> <p>FUEL FLOW MONITORING = Unit operates with a NO_x and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a)(2)(A) or 117.440(a)(2)(A).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Monitored by method other than CEMS or PEMS.</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] = Liquid fuel</p> <p>NOX EMISSION LIMIT AVERAGE = Emission limit in pounds/hour on a block one-hour average.</p> <p>NOX REDUCTIONS = No NO_x reduction.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.8(10¹¹) Btu/yr, based on rolling 12-month average.</p>
M2A-BO-3	30 TAC Chapter 117, Subchapter B	R7300-NG	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].</p> <p>UNIT TYPE = Industrial, commercial, or institutional boiler regulated as an existing facility by the EPA at 40 CFR Part 266, Subpart H, as was in effect on June 9, 1993.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system.</p> <p>FUEL FLOW MONITORING = Unit operates with a NO_x and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a)(2)(A) or 117.440(a)(2)(A).</p> <p>CO EMISSION LIMITATION = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO MONITORING SYSTEM = Monitored by method other than CEMS or PEMS.</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 pounds/hour on a block one-hour average.</p> <p>NOX REDUCTIONS = No NO_x reduction.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.8(10¹¹) Btu/yr, based on rolling 12-month average.</p>
M2A-BO-3	40 CFR Part 60, Subpart Dc	60Dc	<p>CONSTRUCTION/MODIFICATION DATE = On or before June 9, 1989.</p>
M2A-BO-4	30 TAC Chapter 117, Subchapter B	R7300-GS	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Maximum emission rate testing.</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 = Monitored by method other than CEMS or PEMS.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<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 pounds/hour on a block one-hour average.</p> <p>NOX REDUCTIONS = Induced flue gas recirculation.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.8(10¹¹) Btu/yr, based on rolling 12-month average.</p>
M2A-BO-4	30 TAC Chapter 117, Subchapter B	R7300-NG	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Maximum emission rate testing.</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 = Monitored by method other than CEMS or PEMS.</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 pounds/hour on a block one-hour average.</p> <p>NOX REDUCTIONS = Induced flue gas recirculation.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.8(10¹¹) Btu/yr, based on rolling 12-month average.</p>
M2A-BO-4	40 CFR Part 60, Subpart Dc	60Dc	<p>CONSTRUCTION/MODIFICATION DATE = After June 9, 1989 but on or before February 28, 2005.</p> <p>PM MONITORING TYPE = No particulate monitoring.</p> <p>MAXIMUM DESIGN HEAT INPUT CAPACITY = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW).</p> <p>SO₂ INLET MONITORING TYPE = No SO₂ monitoring.</p> <p>OTHER SUBPARTS = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB.</p> <p>SO₂ OUTLET MONITORING TYPE = No SO₂ monitoring.</p> <p>HEAT INPUT CAPACITY = Heat input capacity is greater than or equal to 30 MMBtu/hr (8.7 MW) but less than or equal to 75 MMBtu/hr (22 MW).</p> <p>TECHNOLOGY TYPE = None.</p> <p>D-SERIES FUEL TYPE = Natural gas.</p> <p>47C-OPTION = COMS exemption § 60.47c(f) for a facility that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority.</p> <p>D-SERIES FUEL TYPE = Other fuel.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>ACF OPTION - SO₂ = Other ACF or no ACF.</p> <p>ACF OPTION - PM = Other ACF or no ACF.</p> <p>30% COAL DUCT BURNER = The facility does not combust coal in a duct burner as part of a combined cycle system; or more than 30% of the heat is from combustion of coal and less than 70% is from exhaust gases entering the duct burner.</p>
M3A-BO-2	30 TAC Chapter 117, Subchapter B	R7300-GS	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Maximum emission rate testing.</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 = Monitored by method other than CEMS or PEMS.</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 pounds/hour on a block one-hour average.</p> <p>NOX REDUCTIONS = Induced flue gas recirculation.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.8(10¹¹) Btu/yr, based on rolling 12-month average.</p>
M3A-BO-2	30 TAC Chapter 117, Subchapter B	R7300-NG	<p>NOX EMISSION LIMITATION = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].</p> <p>UNIT TYPE = Other industrial, commercial, or institutional boiler.</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr.</p> <p>NOX MONITORING SYSTEM = Maximum emission rate testing.</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 = Monitored by method other than CEMS or PEMS.</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 pounds/hour on a block one-hour average.</p> <p>NOX REDUCTIONS = Induced flue gas recirculation.</p> <p>ANNUAL HEAT INPUT/INSTITUTIONAL, COMMERCIAL, INDUSTRIAL SOURCES [REG VII] = Annual heat input is greater than 2.8(10¹¹) Btu/yr, based on rolling 12-month average.</p>
M3A-BO-2	40 CFR Part 60,	60Dc	CONSTRUCTION/MODIFICATION DATE = After June 9, 1989 but on or before February 28, 2005.

Unit ID	Regulation	Index Number	Basis of Determination*
	Subpart Dc		<p>PM MONITORING TYPE = No particulate monitoring.</p> <p>MAXIMUM DESIGN HEAT INPUT CAPACITY = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW).</p> <p>SO₂ INLET MONITORING TYPE = No SO₂ monitoring.</p> <p>OTHER SUBPARTS = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB.</p> <p>SO₂ OUTLET MONITORING TYPE = No SO₂ monitoring.</p> <p>HEAT INPUT CAPACITY = Heat input capacity is greater than or equal to 30 MMBtu/hr (8.7 MW) but less than or equal to 75 MMBtu/hr (22 MW).</p> <p>TECHNOLOGY TYPE = None.</p> <p>D-SERIES FUEL TYPE = Natural gas.</p> <p>47C-OPTION = COMS exemption § 60.47c(f) for a facility that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority.</p> <p>D-SERIES FUEL TYPE = Other fuel.</p> <p>ACF OPTION - SO₂ = Other ACF or no ACF.</p> <p>ACF OPTION - PM = Other ACF or no ACF.</p> <p>30% COAL DUCT BURNER = The facility does not combust coal in a duct burner as part of a combined cycle system; or more than 30% of the heat is from combustion of coal and less than 70% is from exhaust gases entering the duct burner.</p>
M2A-ES-205	30 TAC Chapter 111, Visible Emissions	R1111	<p>ACID GASES ONLY [REG I] = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>EMERGENCY/UPSET CONDITIONS ONLY [REG I] = Flare is used under conditions other than emergency or upset conditions.</p>
M2A-ES-205	40 CFR Part 60, Subpart A	60A-OPER1	<p>SUBJECT TO 40 CFR 60.18 = Flare is subject to 40 CFR § 60.18.</p> <p>ADHERING TO HEAT CONTENT SPECIFICATIONS = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).</p> <p>FLARE ASSIST TYPE [NSPS A, NESHAP A, AND/OR MACT A] = Steam-assisted</p> <p>FLARE EXIT VELOCITY [NSPS A, NESHAP A, AND/OR MACT A] = Flare exit velocity is less than 60 ft/s (18.3 m/sec)</p> <p>HEATING VALUE OF GAS [NSPS A, NESHAP A, AND/OR MACT A] = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).</p>
M2A-ES-205	40 CFR Part 60, Subpart A	60A-OPER2	<p>SUBJECT TO 40 CFR 60.18 = Flare is subject to 40 CFR § 60.18.</p> <p>ADHERING TO HEAT CONTENT SPECIFICATIONS = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).</p> <p>FLARE ASSIST TYPE [NSPS A, NESHAP A, AND/OR MACT A] = Steam-assisted</p> <p>FLARE EXIT VELOCITY [NSPS A, NESHAP A, AND/OR MACT A] = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>HEATING VALUE OF GAS [NSPS A, NESHAP A, AND/OR MACT A] = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)</p>
M3A-ES-802	30 TAC Chapter 111, Visible Emissions	R1111	<p>ACID GASES ONLY [REG I] = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>EMERGENCY/UPSET CONDITIONS ONLY [REG I] = Flare is used under conditions other than emergency or upset conditions.</p>
M3A-ES-802	40 CFR Part 60,	60A-OPER1	<p>SUBJECT TO 40 CFR 60.18 = Flare is subject to 40 CFR § 60.18.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
	Subpart A		ADHERING TO HEAT CONTENT SPECIFICATIONS = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). FLARE ASSIST TYPE [NSPS A, NESHAP A, AND/OR MACT A] = Non-assisted FLARE EXIT VELOCITY [NSPS A, NESHAP A, AND/OR MACT A] = Flare exit velocity is less than 60 ft/s (18.3 m/sec) HEATING VALUE OF GAS [NSPS A, NESHAP A, AND/OR MACT A] = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
M3A-ES-805	30 TAC Chapter 111, Visible Emissions	R1111	ACID GASES ONLY [REG I] = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. EMERGENCY/UPSET CONDITIONS ONLY [REG I] = Flare is used under conditions other than emergency or upset conditions.
M3A-ES-805	40 CFR Part 60, Subpart A	60A-OPER1	SUBJECT TO 40 CFR 60.18 = Flare is subject to 40 CFR § 60.18. ADHERING TO HEAT CONTENT SPECIFICATIONS = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). FLARE ASSIST TYPE [NSPS A, NESHAP A, AND/OR MACT A] = Steam-assisted FLARE EXIT VELOCITY [NSPS A, NESHAP A, AND/OR MACT A] = Flare exit velocity is less than 60 ft/s (18.3 m/sec) HEATING VALUE OF GAS [NSPS A, NESHAP A, AND/OR MACT A] = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
M3A-ES-805	40 CFR Part 60, Subpart A	60A-OPER2	SUBJECT TO 40 CFR 60.18 = Flare is subject to 40 CFR § 60.18. ADHERING TO HEAT CONTENT SPECIFICATIONS = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). FLARE ASSIST TYPE [NSPS A, NESHAP A, AND/OR MACT A] = Steam-assisted FLARE EXIT VELOCITY [NSPS A, NESHAP A, AND/OR MACT A] = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). HEATING VALUE OF GAS [NSPS A, NESHAP A, AND/OR MACT A] = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)
M1-F-1	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device.
M1-F-1	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.
M2A-F-2	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device.
M2A-F-2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.
M2B-F-2-7	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device.
M2B-F-2-7	30 TAC Chapter	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115,

Unit ID	Regulation	Index Number	Basis of Determination*
	115, Pet. Refinery & Petrochemicals		Subchapter D, Division 3 with no alternate control or control device.
M2B-F-2-7	40 CFR Part 60, Subpart DDD	60DDD-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 40 CFR Part 60, Subpart DDD with no alternate control or control device.
M2C-F-VRS	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device.
M2C-F-VRS	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.
M3A-FUG-8	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device.
M3A-FUG-8	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.
M3A-FUG-8	40 CFR Part 60, Subpart DDD	60DDD-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 40 CFR Part 60, Subpart DDD with no alternate control or control device.
M3B-F-9	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device.
M3B-F-9	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.
M3B-F-9	40 CFR Part 60, Subpart DDD	60DDD-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 40 CFR Part 60, Subpart DDD with no alternate control or control device.
GRP-HRVOC-CT	30 TAC Chapter 115, HRVOC Cooling Towers	R5761	<p>COOLING TOWER HEAT EXCHANGE SYSTEM EXEMPTIONS = The cooling tower heat exchange system does not qualify for an exemption.</p> <p>JACKETED REACTOR = The cooling tower heat exchange system is not in dedicated service to a jacketed reactor.</p> <p>ALTERNATIVE MONITORING = Complying with the specified monitoring in 30 TAC § 115.764.</p> <p>DESIGN CAPACITY = Design capacity to circulate 8000 gpm or greater.</p> <p>FINITE VOLUME SYSTEM = The cooling tower heat exchange system is complying with the requirements in § 115.764(a).</p> <p>MODIFIED MONITORING = NOT USING MINOR MODIFICATIONS TO THE MONITORING AND TESTING METHODS IN 30 TAC § 115.764.</p> <p>FLOW MONITORING/TESTING METHOD = Choosing to use the maximum potential flow rate based on the manufacturer's pump performance data in accordance with §115.764(e)(1).</p> <p>TOTAL STRIPPABLE VOC = The cooling tower heat exchange system is complying with the requirements of § 115.764(a).</p> <p>ON-LINE MONITOR = Speciated strippable HRVOC concentration is being determined by sampling.</p>
GRP-HRVOC-	40 CFR Part 63,	63Q	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds

Unit ID	Regulation	Index Number	Basis of Determination*
CT	Subpart Q		containing chromium on or after September 8, 1994.
ANALYZERS	30 TAC Chapter 115, Vent Gas Controls	R5121-ANAL	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
GRP-ES-802	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Smokeless flare</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-EV-715	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
GRP-M1-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-CONC	<p>HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Exempt Date = The vent gas stream is not exempt.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p>
GRP-M1-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-FLOW	<p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate less than or equal to 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Exempt Date = The vent gas stream is not exempt.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p>
GRP-M1-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-PRIOR	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Testing procedures specified in § 115.125 were conducted prior to December 31, 2004, and they are being used in lieu of conducting new tests.</p>
GRP-M1-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-UNCON	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-M1-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-WAIVER	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-M1-OG	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
GRP-M1-RDVENTS	30 TAC Chapter 115, HRVOC Vent Gas	R5720-UNCON	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-M1-RDVENTS	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
GRP-M2A-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-CONC	<p>HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Exempt Date = The vent gas stream is not exempt.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p>
GRP-M2A-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-FLOW	<p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate less than or equal to 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Exempt Date = The vent gas stream is not exempt.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p>
GRP-M2A-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-PRIOR	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Testing procedures specified in § 115.125 were conducted prior to December 31, 2004, and they are being used in lieu of conducting new tests.</p>
GRP-M2A-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-UNCON	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-M2A-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-WAIVER	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-M2A-OG	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
GRP-M2B-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-CONC	<p>HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Exempt Date = The vent gas stream is not exempt.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p>
GRP-M2B-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-FLOW	<p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate less than or equal to 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Exempt Date = The vent gas stream is not exempt.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p>
GRP-M2B-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-PRIOR	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Testing procedures specified in § 115.125 were conducted prior to December 31, 2004, and they are being used in lieu of conducting new tests.</p>
GRP-M2B-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-UNCON	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-M2B-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-WAIVER	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-M2B-OG	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
GRP-M2VENT	30 TAC Chapter 115, HRVOC Vent Gas	R5720-ES276	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-M2VENT	30 TAC Chapter 115, HRVOC Vent Gas	R5720-ES276BP	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-M2VENT	30 TAC Chapter 115, Vent Gas Controls	R5121-ES276	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor combustor not considered to be a flare.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-M2VENT	30 TAC Chapter 115, Vent Gas Controls	R5121-ES276BP	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
GRP-M3A-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-CONC	<p>HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Exempt Date = The vent gas stream is not exempt.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p>
GRP-M3A-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-FLOW	<p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate less than or equal to 100 dry standard cubic feet per hour (ft³/hr).</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Exempt Date = The vent gas stream is not exempt. Vent Gas Stream Control = Vent gas stream is uncontrolled.
GRP-M3A-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-PRIOR	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Testing procedures specified in § 115.125 were conducted prior to December 31, 2004, and they are being used in lieu of conducting new tests.
GRP-M3A-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-UNCON	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is uncontrolled. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).
GRP-M3A-OG	30 TAC Chapter 115, Vent Gas Controls	R5121	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.
GRP-M3B-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-CONC	HRVOC Concentration = The vent gas stream has a HRVOC concentration less than 100 ppmv at all times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Exempt Date = The vent gas stream is not exempt. Vent Gas Stream Control = Vent gas stream is uncontrolled.
GRP-M3B-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-FLOW	HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate less than or equal to 100 dry standard cubic feet per hour (ft3/hr). Exempt Date = The vent gas stream is not exempt.

Unit ID	Regulation	Index Number	Basis of Determination*
GRP-M3B-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-PRIOR	<p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Testing procedures specified in § 115.125 were conducted prior to December 31, 2004, and they are being used in lieu of conducting new tests.</p>
GRP-M3B-OG	30 TAC Chapter 115, HRVOC Vent Gas	R5720-UNCON	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-M3B-OG	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
GRP-M3VENT	30 TAC Chapter 115, HRVOC Vent Gas	R5720-ES975	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Testing Requirements = Testing procedures specified in § 115.125 were conducted prior to December 31, 2004, and they are being used in lieu of conducting new tests.
GRP-M3VENT	30 TAC Chapter 115, HRVOC Vent Gas	R5720-ES976	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Testing procedures specified in § 115.125 were conducted prior to December 31, 2004, and they are being used in lieu of conducting new tests.</p>
GRP-M3VENT	30 TAC Chapter 115, Vent Gas Controls	R5121-ES-975	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Chiller or catalytic incinerator.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-M3VENT	30 TAC Chapter 115, Vent Gas Controls	R5121-ES-976	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor combustor not considered to be a flare.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-NORTHVT	30 TAC Chapter 115, HRVOC Vent Gas	R5720-ES205	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a flare.</p> <p>Process Knowledge = Testing using the specified appropriate reference methods and procedures are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Continuous emissions monitoring system in lieu of testing requirements in § 115.725(a).</p>
GRP-NORTHVT	30 TAC Chapter 115, HRVOC Vent Gas	R5720-ES215	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-NORTHVT	30 TAC Chapter 115, Vent Gas Controls	R5121-ES205	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Smokeless flare</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-NORTHVT	30 TAC Chapter 115, Vent Gas Controls	R5121-ES215	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor combustor not considered to be a flare.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-SOUTHVT	30 TAC Chapter 115, HRVOC Vent Gas	R5720-ES805	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a flare.</p> <p>Process Knowledge = Testing using the specified appropriate reference methods and procedures are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Continuous emissions monitoring system in lieu of testing requirements in § 115.725(a).</p>
GRP-SOUTHVT	30 TAC Chapter 115, HRVOC Vent Gas	R5720-ES815	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-SOUTHVT	30 TAC Chapter 115, Vent Gas Controls	R5121-ES805	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Smokeless flare</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-SOUTHVT	30 TAC Chapter 115, Vent Gas Controls	R5121-ES815	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor combustor not considered to be a flare.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-V-808	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
GRP-WBS	30 TAC Chapter 115, HRVOC Vent Gas	R5720-ES205	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a flare.</p> <p>Process Knowledge = Testing using the specified appropriate reference methods and procedures are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Continuous emissions monitoring system in lieu of testing requirements in § 115.725(a).</p>
GRP-WBS	30 TAC Chapter 115, HRVOC Vent Gas	R5720-ES215	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-WBS	30 TAC Chapter 115, HRVOC Vent Gas	R5720-ES805	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a flare.</p> <p>Process Knowledge = Testing using the specified appropriate reference methods and procedures are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Continuous emissions monitoring system in lieu of testing requirements in § 115.725(a).</p>
GRP-WBS	30 TAC Chapter 115, HRVOC Vent Gas	R5720-ES815	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-WBS	30 TAC Chapter 115, HRVOC Vent Gas	R5720-INCIN	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-WBS	30 TAC Chapter 115, HRVOC Vent Gas	R5720-WHBOILER	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
GRP-WBS	30 TAC Chapter 115, Vent Gas Controls	R5121-ES205	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Smokeless flare</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-WBS	30 TAC Chapter 115, Vent Gas Controls	R5121-ES215	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor combustor not considered to be a flare.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-WBS	30 TAC Chapter 115, Vent Gas Controls	R5121-ES805	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Smokeless flare</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-WBS	30 TAC Chapter 115, Vent Gas Controls	R5121-ES815	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor combustor not considered to be a flare.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-WBS	30 TAC Chapter 115, Vent Gas Controls	R5121-INCIN	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C).</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
GRP-WBS	30 TAC Chapter 115, Vent Gas Controls	R5121-WHBOILER	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Boiler in which the vent gas stream is burned at a temperature of at least 1300° F (704 C).</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p>
M1EV-105-2	30 TAC Chapter 115, HRVOC Vent Gas	R5720-UNCON	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
M1EV-105-2	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Chiller or catalytic incinerator.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
M1-V-136	30 TAC Chapter 115, HRVOC Vent Gas	R5720-UNCON	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
M1-V-136	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
M1-V-137	30 TAC Chapter 115, HRVOC Vent Gas	R5720-UNCON	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is uncontrolled.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
M1-V-137	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
M2A-BO-1	30 TAC Chapter 115, HRVOC Vent Gas	R5720	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Testing Requirements = Meeting § 115.725(a).
M2A-BO-4	30 TAC Chapter 115, HRVOC Vent Gas	R5720	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
M3A-BO-2	30 TAC Chapter 115, HRVOC Vent Gas	R5720	<p>Alternative Monitoring = Not using alternative monitoring and testing methods.</p> <p>HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times.</p> <p>Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft³/hr).</p> <p>Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule.</p> <p>Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare.</p> <p>Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities.</p> <p>Waived Testing = The executive director has not waived testing for identical vents.</p> <p>Testing Requirements = Meeting § 115.725(a).</p>
M3ARAILCAR	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
M3B-EV-197	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
M3B-V-820	30 TAC Chapter	R5121	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a

Unit ID	Regulation	Index Number	Basis of Determination*
	115, Vent Gas Controls		<p>control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
M3B-V-869	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
TC-E-27	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
TC-V-3010	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
TC-V-4200	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Vent Type = Vent gas stream is emitted from a liquid phase polypropylene manufacturing process.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).</p> <p>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.</p>
PAINTYARD	30 TAC Chapter 115, Surface Coating Operations	R5421	<p>ALTERNATE COMPLIANCE METHOD [REG V] = ALTERNATE METHOD FOR DEMONSTRATING AND DOCUMENTING CONTINUOUS COMPLIANCE WITH APPLICABLE CONTROL REQUIREMENTS OR EXEMPTION CRITERIA HAS NOT BEEN APPROVED</p> <p>ALTERNATE REQUIREMENTS [REG V] = ALTERNATE REQUIREMENT TO 30 TAC 115.421(A)(9) OR 115.421(B)(8) HAS NOT BEEN APPROVED BY TCEQ EXECUTIVE DIRECTOR</p> <p>30 TAC CHAPTER 115 (REG V) FACILITY OPERATIONS = OTHER METAL PARTS AND PRODUCTS COATING</p> <p>MISCELLANEOUS COATING TYPE [REG V] = EXTREME PERFORMANCE COATING, INCLUDING CHEMICAL MILLING MASKS</p> <p>VOC EMISSION RATE [REG V] = OTHER UNCONTROLLED EMISSION RATES</p> <p>VAPOR RECOVERY [REG V] = NO VAPOR RECOVERY SYSTEM IS USED TO CONTROL EMISSIONS</p>
PRO-M1	40 CFR Part 60, Subpart DDD	60DDD	<p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = NO POLYOLEFIN OR ONLY ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = ON/BEFORE SEPTEMBER 30 1987</p>
PRO-M2A	40 CFR Part 60, Subpart DDD	60DDD	<p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = NO POLYOLEFIN OR ONLY ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = ON/BEFORE SEPTEMBER 30 1987</p>
PRO-M2B	40 CFR Part 60, Subpart DDD	60DDD-CVFLARE	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = FLARE</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRO-M2B	40 CFR Part 60, Subpart DDD	60DDD-CVINCIN	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL CONTINUOUS EMISSIONS ARE CONTROLLED IN AN EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561)</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = INCINERATOR OTHER THAN CATALYTIC INCINERATOR</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>ANNUAL EMISSIONS ENTERING CONTROL DEVICE [NSPS DDD] = ANNUAL EMISSIONS ENTERING CONTROL DEVICE GREATER THAN OR EQUAL TO CALCULATED THRESHOLD EMISSIONS (CTE) LEVELS CALCULATED IN 'TABLE 3'</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>EMISSION REDUCTION FROM CONTROL DEVICE [NSPS DDD] = EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) REDUCES EMISSIONS BY GREATER THAN OR EQUAL TO 98% OR LESS THAN EQUAL TO 20 PARTS PER MILLION BY VOLUME (PPMV)</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M2B	40 CFR Part 60, Subpart DDD	60DDD-CVTHERM	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = INCINERATOR OTHER THAN CATALYTIC INCINERATOR</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>EMISSION REDUCTION FROM CONTROL DEVICE [NSPS DDD] = EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) REDUCES EMISSIONS BY GREATER THAN OR EQUAL TO 98% OR LESS THAN EQUAL TO 20 PARTS PER MILLION BY VOLUME (PPMV)</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRO-M2B	40 CFR Part 60, Subpart DDD	60DDD-CVU	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS LESS THAN 0.10%</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE LESS THAN OR EQUAL TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M2B	40 CFR Part 60, Subpart DDD	60DDD-CVWBOILER	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL CONTINUOUS EMISSIONS ARE CONTROLLED IN AN EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561)</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = BOILER OR PROCESS HEATER WITH A DESIGN HEAT INPUT CAPACITY LESS THAN 150 MMBTU/HOUR</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>ANNUAL EMISSIONS ENTERING CONTROL DEVICE [NSPS DDD] = ANNUAL EMISSIONS ENTERING CONTROL DEVICE GREATER THAN OR EQUAL TO CALCULATED THRESHOLD EMISSIONS (CTE) LEVELS CALCULATED IN 'TABLE 3'</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>EMISSION REDUCTION FROM CONTROL DEVICE [NSPS DDD] = EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) REDUCES EMISSIONS BY GREATER THAN OR EQUAL TO 98% OR LESS THAN EQUAL TO 20 PARTS PER MILLION BY VOLUME (PPMV)</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M2B	40 CFR Part 60, Subpart DDD	60DDD-ES276	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = INCINERATOR OTHER THAN CATALYTIC INCINERATOR</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>EMISSION REDUCTION FROM CONTROL DEVICE [NSPS DDD] = EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) REDUCES EMISSIONS BY GREATER THAN OR EQUAL TO 98% OR LESS THAN EQUAL TO 20 PARTS PER MILLION BY VOLUME (PPMV)</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M2B	40 CFR Part 60, Subpart DDD	60DDD-EV	<p>EMERGENCY VENT [NSPS DDD] = EMISSIONS ARE AN EMERGENCY VENT STREAM FROM A NEW MODIFIED OR RECONSTRUCTED FACILITY</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT INTERMITTENT EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M2B	40 CFR Part 60, Subpart DDD	60DDD-IVFLARE	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>EMERGENCY VENT [NSPS DDD] = EMISSIONS ARE NOT AN EMERGENCY VENT STREAM FROM A NEW MODIFIED OR RECONSTRUCTED FACILITY</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>EXISTING CONTROL DEVICE [NSPS DDD] = VENT STREAM IS CONTROLLED NOT IN AN EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) WHICH HAS NOT BEEN RECONSTRUCTED REPLACED OR ITS OPERATING CONDITIONS MODIFIED AS A RESULT OF STATE OR LOCAL REGULATIONS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT INTERMITTENT EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>INTERMITTENT CONTROL DEVICE [NSPS DDD] = FLARE</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRO-M3A	40 CFR Part 60, Subpart DDD	60DDD-CVCATOX	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = CATALYTIC INCINERATOR</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>EMISSION REDUCTION FROM CONTROL DEVICE [NSPS DDD] = EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) REDUCES EMISSIONS BY GREATER THAN OR EQUAL TO 98% OR LESS THAN EQUAL TO 20 PARTS PER MILLION BY VOLUME (PPMV)</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3A	40 CFR Part 60, Subpart DDD	60DDD-CVFLARE	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = NO POLYOLEFIN OR ONLY ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = FLARE</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3A	40 CFR Part 60, Subpart DDD	60DDD-CVIN CIN	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL CONTINUOUS EMISSIONS ARE CONTROLLED IN AN EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561)</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = NO POLYOLEFIN OR ONLY ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = INCINERATOR OTHER THAN CATALYTIC INCINERATOR</p>

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			<p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>ANNUAL EMISSIONS ENTERING CONTROL DEVICE [NSPS DDD] = ANNUAL EMISSIONS ENTERING CONTROL DEVICE GREATER THAN OR EQUAL TO CALCULATED THRESHOLD EMISSIONS (CTE) LEVELS CALCULATED IN 'TABLE 3'</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>EMISSION REDUCTION FROM CONTROL DEVICE [NSPS DDD] = EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) REDUCES EMISSIONS BY LESS THAN 98% OR GREATER THAN 20 PARTS PER MILLION BY VOLUME (PPMV)</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3A	40 CFR Part 60, Subpart DDD	60DDD-CV THERM	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = NO POLYOLEFIN OR ONLY ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = ANOTHER TYPE OF CONTROL DEVICE IS UTILIZED (E.G. MATERIAL RECOVERY SYSTEM)</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>EMISSION REDUCTION FROM CONTROL DEVICE [NSPS DDD] = EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) REDUCES EMISSIONS BY GREATER THAN OR EQUAL TO 98% OR LESS THAN EQUAL TO 20 PARTS PER MILLION BY VOLUME (PPMV)</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3A	40 CFR Part 60, Subpart DDD	60DDD-CVU	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = NO POLYOLEFIN OR ONLY ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p>

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			<p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS LESS THAN 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' DO NOT REQUIRE CONTROLS</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE LESS THAN OR EQUAL TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3A	40 CFR Part 60, Subpart DDD	60DDD-CVWBOILER	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL CONTINUOUS EMISSIONS ARE CONTROLLED IN AN EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561)</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = BOILER OR PROCESS HEATER WITH A DESIGN HEAT INPUT CAPACITY LESS THAN 150 MMBTU/HOUR</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>ANNUAL EMISSIONS ENTERING CONTROL DEVICE [NSPS DDD] = ANNUAL EMISSIONS ENTERING CONTROL DEVICE GREATER THAN OR EQUAL TO CALCULATED THRESHOLD EMISSIONS (CTE) LEVELS CALCULATED IN 'TABLE 3'</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>EMISSION REDUCTION FROM CONTROL DEVICE [NSPS DDD] = EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) REDUCES EMISSIONS BY GREATER THAN OR EQUAL TO 98% OR LESS THAN EQUAL TO 20 PARTS PER MILLION BY VOLUME (PPMV)</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3A	40 CFR Part 60, Subpart DDD	60DDD-EV	<p>EMERGENCY VENT [NSPS DDD] = EMISSIONS ARE AN EMERGENCY VENT STREAM FROM A NEW MODIFIED OR RECONSTRUCTED FACILITY</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = NO POLYOLEFIN OR ONLY ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT INTERMITTENT EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>

Unit ID	Regulation	Index Number	Basis of Determination*
PRO-M3A	40 CFR Part 60, Subpart DDD	60DDD-IVFLARE	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>EMERGENCY VENT [NSPS DDD] = EMISSIONS ARE NOT AN EMERGENCY VENT STREAM FROM A NEW MODIFIED OR RECONSTRUCTED FACILITY</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = NO POLYOLEFIN OR ONLY ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>EXISTING CONTROL DEVICE [NSPS DDD] = VENT STREAM IS CONTROLLED NOT IN AN EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) WHICH HAS NOT BEEN RECONSTRUCTED REPLACED OR ITS OPERATING CONDITIONS MODIFIED AS A RESULT OF STATE OR LOCAL REGULATIONS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT INTERMITTENT EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>INTERMITTENT CONTROL DEVICE [NSPS DDD] = FLARE</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3B	40 CFR Part 60, Subpart DDD	60DDD-CVCATOX	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = CATALYTIC INCINERATOR</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>EMISSION REDUCTION FROM CONTROL DEVICE [NSPS DDD] = EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) REDUCES EMISSIONS BY GREATER THAN OR EQUAL TO 98% OR LESS THAN EQUAL TO 20 PARTS PER MILLION BY VOLUME (PPMV)</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3B	40 CFR Part 60, Subpart DDD	60DDD-CVFLARE	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = FLARE</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p>

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			<p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3B	40 CFR Part 60, Subpart DDD	60DDD-CVINCIN	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL CONTINUOUS EMISSIONS ARE CONTROLLED IN AN EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561)</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = INCINERATOR OTHER THAN CATALYTIC INCINERATOR</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>ANNUAL EMISSIONS ENTERING CONTROL DEVICE [NSPS DDD] = ANNUAL EMISSIONS ENTERING CONTROL DEVICE GREATER THAN OR EQUAL TO CALCULATED THRESHOLD EMISSIONS (CTE) LEVELS CALCULATED IN 'TABLE 3'</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>EMISSION REDUCTION FROM CONTROL DEVICE [NSPS DDD] = EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) REDUCES EMISSIONS BY LESS THAN 98% OR GREATER THAN 20 PARTS PER MILLION BY VOLUME (PPMV)</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3B	40 CFR Part 60, Subpart DDD	60DDD-CVTHERM	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = INCINERATOR OTHER THAN CATALYTIC INCINERATOR</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS</p>

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			<p>GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>EMISSION REDUCTION FROM CONTROL DEVICE [NSPS DDD] = EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) REDUCES EMISSIONS BY GREATER THAN OR EQUAL TO 98% OR LESS THAN EQUAL TO 20 PARTS PER MILLION BY VOLUME (PPMV)</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3B	40 CFR Part 60, Subpart DDD	60DDD-CVU	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS LESS THAN 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' DO NOT REQUIRE CONTROLS</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE LESS THAN OR EQUAL TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3B	40 CFR Part 60, Subpart DDD	60DDD-CVWBOILER	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL CONTINUOUS EMISSIONS ARE CONTROLLED IN AN EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561)</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS CONTROL DEVICE [NSPS DDD] = BOILER OR PROCESS HEATER WITH A DESIGN HEAT INPUT CAPACITY LESS THAN 150 MMBTU/HOUR</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT CONTINUOUS EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>UNCONTROLLED ANNUAL EMISSIONS [NSPS DDD] = UNCONTROLLED ANNUAL EMISSIONS GREATER THAN OR EQUAL TO 1.6 MEGAGRAMS/YEAR (1.76 TONS/YEAR)</p> <p>ANNUAL EMISSIONS ENTERING CONTROL DEVICE [NSPS DDD] = ANNUAL EMISSIONS ENTERING CONTROL DEVICE GREATER THAN OR EQUAL TO CALCULATED THRESHOLD EMISSIONS (CTE) LEVELS CALCULATED IN 'TABLE 3'</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS [NSPS DDD] = WEIGHT PERCENT TOTAL ORGANIC COMPOUNDS GREATER THAN OR EQUAL TO 0.10%</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>EMISSION REDUCTION FROM CONTROL DEVICE [NSPS DDD] = EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561)</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>REDUCES EMISSIONS BY GREATER THAN OR EQUAL TO 98% OR LESS THAN EQUAL TO 20 PARTS PER MILLION BY VOLUME (PPMV)</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3B	40 CFR Part 60, Subpart DDD	60DDD-EV	<p>EMERGENCY VENT [NSPS DDD] = EMISSIONS ARE AN EMERGENCY VENT STREAM FROM A NEW MODIFIED OR RECONSTRUCTED FACILITY</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT INTERMITTENT EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
PRO-M3B	40 CFR Part 60, Subpart DDD	60DDD-IVFLARE	<p>CONTROL OF CONTINUOUS EMISSIONS [NSPS DDD] = ALL VENT GAS STREAMS ARE UNCONTROLLED</p> <p>EMERGENCY VENT [NSPS DDD] = EMISSIONS ARE NOT AN EMERGENCY VENT STREAM FROM A NEW MODIFIED OR RECONSTRUCTED FACILITY</p> <p>MANUFACTURED PRODUCT [NSPS DDD] = POLYPROPYLENE OR POLYETHYLENE</p> <p>POLYOLEFIN PRODUCTION [NSPS DDD] = MORE THAN ONE POLYOLEFIN IS PRODUCED</p> <p>CONTINUOUS PROCESS [NSPS DDD] = AFFECTED FACILITY PROCESS IS CONTINUOUS</p> <p>EXISTING CONTROL DEVICE [NSPS DDD] = VENT STREAM IS CONTROLLED NOT IN AN EXISTING CONTROL DEVICE (AS DEFINED IN 40 CFR 60.561) WHICH HAS NOT BEEN RECONSTRUCTED REPLACED OR ITS OPERATING CONDITIONS MODIFIED AS A RESULT OF STATE OR LOCAL REGULATIONS</p> <p>PROCESS EMISSIONS [NSPS DDD] = INDIVIDUAL VENT GAS STREAMS EMIT INTERMITTENT EMISSIONS</p> <p>CONSTRUCTION/MODIFICATION (RECONSTRUCTION) DATE [NSPS DDD] = AFTER JANUARY 10 1989</p> <p>INTERMITTENT CONTROL DEVICE [NSPS DDD] = FLARE</p> <p>EXPERIMENTAL PROCESS LINE [NSPS DDD] = AFFECTED FACILITY IS NOT AN EXPERIMENTAL PROCESS LINE</p> <p>'TABLE 3' CONTROL REQUIREMENTS [NSPS DDD] = CALCULATIONS FROM 'TABLE 3' REQUIRE CONTROLS</p> <p>'TABLE 2' THRESHOLD EMISSION RATES [NSPS DDD] = UNCONTROLLED EMISSION RATE GREATER THAN TO UNCONTROLLED THRESHOLD EMISSION RATES IN 'TABLE 2' OF 40 CFR 60.560</p>
M2A-ES-202	30 TAC Chapter 117, Subchapter B	R7201-CEMS	<p>FUEL FLOW MONITORING = Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.340(a) or 117.440(a)</p> <p>MAXIMUM RATED CAPACITY = MRC is greater than 40 MMBtu/hr but less than 100 MMBtu/hr</p> <p>CO EMISSION LIMITATION = Unit is subject to the CO limits of 40 CFR Part 264 or 265, Subpart O, for hazardous waste incinerators</p> <p>NOX EMISSION LIMITATION = Complying with 30 TAC § 117.310(a)(16)</p> <p>CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1)</p> <p>NOX REDUCTION = No NO_x reduction method</p> <p>NOX MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1)</p>

Unit ID	Regulation	Index Number	Basis of Determination*
M2A-ES-202	30 TAC Chapter 117, Subchapter B	R7201-NOCEMS	FUEL FLOW MONITORING = Unit operates with a NO _x and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.340(a)(2)(A) or 117.440(a)(2)(A) MAXIMUM RATED CAPACITY = MRC is greater than 40 MMBtu/hr but less than 100 MMBtu/hr CO EMISSION LIMITATION = Unit is subject to the CO limits of 40 CFR Part 264 or 265, Subpart O, for hazardous waste incinerators NOX EMISSION LIMITATION = Complying with 30 TAC § 117.310(a)(16) CO MONITORING SYSTEM = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1) NOX REDUCTION = No NO _x reduction method NOX MONITORING SYSTEM = Maximum emission rate testing
M2A-ES-215	30 TAC Chapter 117, Subchapter B	117B	MAXIMUM RATED CAPACITY = MRC is less than 40 MMBtu/hr
M2B-ES-276	30 TAC Chapter 117, Subchapter B	117B	MAXIMUM RATED CAPACITY = MRC is less than 40 MMBtu/hr
M3A-ES-815	30 TAC Chapter 117, Subchapter B	117B	MAXIMUM RATED CAPACITY = MRC is less than 40 MMBtu/hr
M3B-ES-975	30 TAC Chapter 117, Subchapter B	117B	MAXIMUM RATED CAPACITY = MRC is less than 40 MMBtu/hr
M3B-ES-976	30 TAC Chapter 117, Subchapter B	117B	MAXIMUM RATED CAPACITY = MRC is less than 40 MMBtu/hr

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

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

NSR Versus Title V FOP

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

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

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

New Source Review Requirements

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

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

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

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

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

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.: 18153	Issuance Date: 12/11/2013
Authorization No.: 21538	Issuance Date: 03/11/2014
Authorization No.: 2269C	Issuance Date: 12/27/2010
Authorization No.: 3908B	Issuance Date: 03/11/2014
Authorization No.: 83796	Issuance Date: 08/20/2008
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.124	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.265	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: 106.393	Version No./Date: 09/04/2000
Number: 106.395	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 03/14/1997
Number: 106.454	Version No./Date: 03/14/1997

Number: 106.471	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 14	Version No./Date: 11/05/1986
Number: 75	Version No./Date: 01/11/1985
Number: 76	Version No./Date: 11/05/1986
Number: 76	Version No./Date: 05/04/1994
Number: 76	Version No./Date: 10/04/1995

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.: M2A-BO-3	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2112-1
Pollutant: SO ₂	Main Standard: § 112.9(c)
Monitoring Information	
Indicator: Sulfur Content in Fuel	
Minimum Frequency: Annually or anytime sulfur content may change upon process change	
Averaging Period: N/A	
Deviation Limit: Sulfur content in liquid fuel exceeds 0.3% by weight	
Basis of monitoring: The most recent performance test, the manufacturer=s recommendations, engineering calculations and/or historical data may establish a correlation between the feed rate and emission rate. In situations where such a correlation exists, measuring, calculating and recording the total feed rate would indicate whether the emission limitation or standard is being met. Monitoring by measuring and calculating feed rate is consistent with federal rules including 40 CFR Part 60, Subparts F, S, HH, NN and PP.	

Compliance Assurance Monitoring (CAM):

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

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

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

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

Unit/Group/Process Information	
ID No.: GRP-M3VENT	
Control Device ID No.: M3B-ES-975	Control Device Type: Catalytic Incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-ES-975
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: outlet VOC concentration	
Minimum Frequency: one point for each one-hour period	
Averaging Period: hourly	
Deviation Limit: VOC concentration at the outlet of less than 25 ppmv or operate with no less than a 98 percent destruction efficiency when waste gas is being fed to the unit.	
Basis of CAM: It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.	

Unit/Group/Process Information	
ID No.: GRP-M3VENT	
Control Device ID No.: M3B-ES-976	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-ES-976
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
<p>Deviation Limit: Minimum Temperature = 2000 F. Temperatures below this value are permissible as demonstrated in performance testing conducted in accordance with NSR Permit No. 21538 and/or any other applicable permit or regulation. The hourly average combustion temperature, based upon four equally spaced points, cannot be below the stated minimum temperature or below the minimum temperature established in the most recent performance test while waste gas is being fed to the unit.</p>	
<p>Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.</p>	

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

Unit/Group/Process Information	
ID No.: GRP-M3VENT	
Control Device ID No.: M3B-ES-975	Control Device Type: Catalytic Incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-ES975
Pollutant: HIGHLY REACTIVE VOC	Main Standard: § 115.722(c)(1)
Monitoring Information	
Indicator: outlet VOC concentration	
Minimum Frequency: one point for each one-hour period	
Averaging Period: hourly	
<p>Deviation Limit: VOC concentration at the outlet of less than 25 ppmv or operate with no less than a 98 percent destruction efficiency when waste gas is being fed to the unit. In order to determine if a deviation from 30 TAC 115.722(c)(1) has occurred, the HRVOC emissions from all applicable sources at the site will be calculated to conclude whether or not the 1,200 pounds of HRVOC per one-hour block period has been exceeded for the site. If the 1,200 pounds of HRVOC per one-hour block period was exceeded, a deviation will be reported accordingly.</p>	
<p>Basis of CAM: It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH.</p>	

Unit/Group/Process Information	
ID No.: GRP-M3VENT	
Control Device ID No.: M3B-ES-976	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-ES976
Pollutant: HIGHLY REACTIVE VOC	Main Standard: § 115.722(c)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
<p>Deviation Limit: Minimum Temperature = 2000 F. Temperatures below this value are permissible as demonstrated in performance testing conducted in accordance with NSR Permit No. 21538 and/or any other applicable permit or regulation. The hourly average combustion temperature, based upon four equally spaced points, cannot be below the stated minimum temperature or below the minimum temperature established in the most recent performance test while waste gas is being fed to the unit.</p>	
<p>Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.</p>	

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

Unit/Group/Process Information	
ID No.: GRP-NORTHVT	
Control Device ID No.: M2A-ES-205	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-ES205
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: Absence of pilot flame. If the monitoring device indicates the absence of a pilot flame, it should be confirmed visually. If a pilot flame is not present as indicated by both the monitoring device and visual indication, it should be considered a deviation.	
Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: GRP-NORTHVT	
Control Device ID No.: M2A-ES-215	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-ES215
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: Minimum Temperature = 1300 degrees Fahrenheit. The hourly average combustion temperature, based upon 4 equally spaced points, cannot be below 1300 degrees Fahrenheit while waste gas is being fed to the unit.	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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

Unit/Group/Process Information	
ID No.: GRP-NORTHVT	
Control Device ID No.: M2A-ES-205	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-ES205
Pollutant: HIGHLY REACTIVE VOC	Main Standard: § 115.722(c)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
<p>Deviation Limit: Absence of pilot flame. If the monitoring device indicates the absence of a pilot flame, it should be confirmed visually. If a pilot flame is not present as indicated by both the monitoring device and visual indication, it should be considered a deviation. In order to determine if a deviation from 30 TAC 115.722(c)(1) has occurred, the HRVOC emissions from all applicable sources at the site will be calculated to conclude whether or not the 1,200 pounds of HRVOC per one-hour block period has been exceeded for the site. If the 1,200 pounds of HRVOC per one-hour block period was exceeded, a deviation will be reported accordingly.</p>	
<p>Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.</p>	

Unit/Group/Process Information	
ID No.: GRP-NORTHVT	
Control Device ID No.: M2A-ES-215	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-ES215
Pollutant: HIGHLY REACTIVE VOC	Main Standard: § 115.722(c)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
<p>Deviation Limit: Minimum Temperature = 1300 degrees Fahrenheit. The hourly average combustion temperature, based upon 4 equally spaced points, cannot be below 1300 degrees Fahrenheit while waste gas is being fed to the unit. In order to determine if a deviation from 30 TAC 115.722(c)(1) has occurred, the HRVOC emissions from all applicable sources at the site will be calculated to conclude whether or not the 1,200 pounds of HRVOC per one-hour block period has been exceeded for the site. If the 1,200 pounds of HRVOC per one-hour block period was exceeded, a deviation will be reported accordingly.</p>	
<p>Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.</p>	

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Unit/Group/Process Information	
ID No.: GRP-SOUTHVT	
Control Device ID No.: M3A-ES-805	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-ES805
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: Absence of pilot flame. If the monitoring device indicates the absence of a pilot flame, it should be confirmed visually. If a pilot flame is not present as indicated by both the monitoring device and visual indication, it should be considered a deviation.	
Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: GRP-SOUTHVT	
Control Device ID No.: M3A-ES-815	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-ES815
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: Minimum Temperature = 1300 degrees Fahrenheit. The hourly average combustion temperature, based upon 4 equally spaced points, cannot be below 1300 degrees Fahrenheit while waste gas is being fed to the unit.	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRP-SOUTHVT	
Control Device ID No.: M3A-ES-805	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-ES805
Pollutant: HIGHLY REACTIVE VOC	Main Standard: § 115.722(c)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: Absence of pilot flame. If the monitoring device indicates the absence of a pilot flame, it should be confirmed visually. If a pilot flame is not present as indicated by both the monitoring device and visual indication, it should be considered a deviation.	
Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: GRP-SOUTHVT	
Control Device ID No.: M3A-ES-815	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-ES815
Pollutant: HIGHLY REACTIVE VOC	Main Standard: § 115.722(c)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: Minimum Temperature = 1300 degrees Fahrenheit. The hourly average combustion temperature, based upon 4 equally spaced points, cannot be below 1300 degrees Fahrenheit while waste gas is being fed to the unit.	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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Unit/Group/Process Information	
ID No.: GRP-WBS	
Control Device ID No.: M2A-ES-205	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-ES205
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: Absence of pilot flame. If the monitoring device indicates the absence of a pilot flame, it should be confirmed visually. If a pilot flame is not present as indicated by both the monitoring device and visual indication, it should be considered a deviation.	
Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: GRP-WBS	
Control Device ID No.: M2A-ES-215	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-ES215
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: Minimum Temperature = 1300 degrees Fahrenheit. The hourly average combustion temperature, based upon 4 equally spaced points, cannot be below 1300 degrees Fahrenheit while waste gas is being fed to the unit.	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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Unit/Group/Process Information	
ID No.: GRP-WBS	
Control Device ID No.: M3A-ES-805	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-ES805
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: Absence of pilot flame. If the monitoring device indicates the absence of a pilot flame, it should be confirmed visually. If a pilot flame is not present as indicated by both the monitoring device and visual indication, it should be considered a deviation.	
Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: GRP-WBS	
Control Device ID No.: M3A-ES-815	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-ES815
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: Minimum Temperature = 1300 degrees Fahrenheit. The hourly average combustion temperature, based upon 4 equally spaced points, cannot be below 1300 degrees Fahrenheit while waste gas is being fed to the unit.	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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Unit/Group/Process Information	
ID No.: GRP-WBS	
Control Device ID No.: M2A-ES-202	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-INCIN
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: Minimum Temperature = 1300 degrees Fahrenheit. The hourly average combustion temperature, based upon 4 equally spaced points, cannot be below 1300 degrees Fahrenheit while waste gas is being fed to the unit.	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

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Unit/Group/Process Information	
ID No.: GRP-WBS	
Control Device ID No.: M2A-BO-3	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-WHBOILER
Pollutant: VOC	Main Standard: § 115.121(a)(2)
Monitoring Information	
Indicator: CO concentration	
Minimum Frequency: Four times per hour	
Averaging Period: Hourly	
Deviation Limit: Maximum CO concentration = 100 ppmv	
Basis of CAM: Carbon monoxide concentration is an indicator of incomplete combustion. Lower carbon monoxide concentrations indicate that the thermal incinerator is achieving complete combustion and operating properly. The monitoring of carbon monoxide concentration is also consistent with the EPA "CAM Technical Guidance Document" (August 1998) and New Source Review (NSR) permits issued in accordance with 30 TAC Chapter 116 (Control of Air Pollution by Permits for New Construction or Modification)	

Unit/Group/Process Information	
ID No.: GRP-WBS	
Control Device ID No.: M2A-ES-205	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-ES205
Pollutant: HIGHLY REACTIVE VOC	Main Standard: § 115.722(c)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
<p>Deviation Limit: Absence of pilot flame. If the monitoring device indicates the absence of a pilot flame, it should be confirmed visually. If a pilot flame is not present as indicated by both the monitoring device and visual indication, it should be considered a deviation. In order to determine if a deviation from 30 TAC 115.722(c)(1) has occurred, the HRVOC emissions from all applicable sources at the site will be calculated to conclude whether or not the 1,200 pounds of HRVOC per one-hour block period has been exceeded for the site. If the 1,200 pounds of HRVOC per one-hour block period was exceeded, a deviation will be reported accordingly.</p>	
<p>Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.</p>	

Unit/Group/Process Information	
ID No.: GRP-WBS	
Control Device ID No.: M2A-ES-215	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-ES215
Pollutant: HIGHLY REACTIVE VOC	Main Standard: § 115.722(c)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
<p>Deviation Limit: Minimum Temperature = 1300 degrees Fahrenheit. The hourly average combustion temperature, based upon 4 equally spaced points, can not be below 1300 degrees Fahrenheit while waste gas is being fed to the unit. In order to determine if a deviation from 30 TAC 115.722(c)(1) has occurred, the HRVOC emissions from all applicable sources at the site will be calculated to conclude whether or not the 1,200 pounds of HRVOC per one-hour block period has been exceeded for the site. If the 1,200 pounds of HRVOC per one-hour block period was exceeded, a deviation will be reported accordingly.</p>	
<p>Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.</p>	

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Unit/Group/Process Information	
ID No.: GRP-WBS	
Control Device ID No.: M3A-ES-805	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-ES805
Pollutant: HIGHLY REACTIVE VOC	Main Standard: § 115.722(c)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
<p>Deviation Limit: Absence of pilot flame. If the monitoring device indicates the absence of a pilot flame, it should be confirmed visually. If a pilot flame is not present as indicated by both the monitoring device and visual indication, it should be considered a deviation. In order to determine if a deviation from 30 TAC 115.722(c)(1) has occurred, the HRVOC emissions from all applicable sources at the site will be calculated to conclude whether or not the 1,200 pounds of HRVOC per one-hour block period has been exceeded for the site. If the 1,200 pounds of HRVOC per one-hour block period was exceeded, a deviation will be reported accordingly.</p>	
<p>Basis of CAM: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.</p>	

Unit/Group/Process Information	
ID No.: GRP-WBS	
Control Device ID No.: M3A-ES-815	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-ES815
Pollutant: HIGHLY REACTIVE VOC	Main Standard: § 115.722(c)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
<p>Deviation Limit: Minimum Temperature = 1300 degrees Fahrenheit. The hourly average combustion temperature, based upon 4 equally spaced points, cannot be below 1300 degrees Fahrenheit while waste gas is being fed to the unit. In order to determine if a deviation from 30 TAC 115.722(c)(1) has occurred, the HRVOC emissions from all applicable sources at the site will be calculated to conclude whether or not the 1,200 pounds of HRVOC per one-hour block period has been exceeded for the site. If the 1,200 pounds of HRVOC per one-hour block period was exceeded, a deviation will be reported accordingly.</p>	
<p>Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.</p>	

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Unit/Group/Process Information	
ID No.: GRP-WBS	
Control Device ID No.: M2A-ES-202	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-INCIN
Pollutant: HIGHLY REACTIVE VOC	Main Standard: § 115.722(c)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
<p>Deviation Limit: Minimum Temperature = 1300 degrees Fahrenheit. The hourly average combustion temperature, based upon 4 equally spaced points, cannot be below 1300 degrees Fahrenheit while waste gas is being fed to the unit. In order to determine if a deviation from 30 TAC 115.722(c)(1) has occurred, the HRVOC emissions from all applicable sources at the site will be calculated to conclude whether or not the 1,200 pounds of HRVOC per one-hour block period has been exceeded for the site. If the 1,200 pounds of HRVOC per one-hour block period was exceeded, a deviation will be reported accordingly.</p>	
<p>Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.</p>	

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Unit/Group/Process Information	
ID No.: GRP-WBS	
Control Device ID No.: M2A-BO-3	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, HRVOC Vent Gas	SOP Index No.: R5720-WHBOILER
Pollutant: HIGHLY REACTIVE VOC	Main Standard: § 115.722(c)(1)
Monitoring Information	
Indicator: CO concentration	
Minimum Frequency: Four times per hour	
Averaging Period: Hourly	
Deviation Limit: Maximum CO concentration = 100 ppmv	
Basis of CAM: Carbon monoxide concentration is an indicator of incomplete combustion. Lower carbon monoxide concentrations indicate that the thermal incinerator is achieving complete combustion and operating properly. The monitoring of carbon monoxide concentration is also consistent with the EPA "CAM Technical Guidance Document" (August 1998) and New Source Review (NSR) permits issued in accordance with 30 TAC Chapter 116 (Control of Air Pollution by Permits for New Construction or Modification)	

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