

# Statement of Basis of the Federal Operating Permit

Clean Harbors Deer Park, LLC

Site Name: Clean Harbors Deer Park  
Physical Location: 2027 Independence Parkway S  
Nearest City: Deer Park  
County: Harris

Permit Number: O1566  
Project Type: Minor Revision

Standard Industrial Classification (SIC) Code: 4953  
SIC Name: Refuse Systems

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: January 8, 2016

## **Operating Permit Basis of Determination**

### **Description of Revisions**

Four tanks (T-80, T-81, T-82, and T-83) were added to existing group GRP>40KTK and two tanks (T-141 and T-142) were added to existing group GRPMIXBTK. These tank groups have requirements under 30 TAC Chapter 115, Storage of VOCs; 40 CFR Part 61, Subparts FF and Y; and 40 CFR Part 63, Subparts DD and G.

### **Permit Area Process Description**

Clean Harbors Deer Park, LLC operates a hazardous waste management facility at the Deer Park site. In general, wastes are received by rail and truck, and are stored, treated, incinerated, and/or landfilled.

#### Waste Receiving

All waste is received in containers or bulk carriers. Compatible liquids are directed into on-site storage tanks and incompatible liquids remain in the original container and may be incinerated directly from these containers. Bulk materials are incinerated or repackaged into containers for incineration on a later date. Vapors from these operations are routed to the incinerators or a back-up carbon adsorption system.

#### Storage Tanks

The North Tank Farm consists of 29 tanks with a total capacity of about 892,000 gallons which are used for the storage of aqueous streams or combustible liquids to be incinerated.

The West Tank Farm consists of two 7000 gallon storage vessels. All storage tanks have fixed roofs and pressure vent systems. The tanks also have a nitrogen blanketing system for fire protection and are routed to a vent system for disposal of standing and working losses in the 3.6 meter kiln's afterburner. If the afterburner is not in operation, then the vapors are vented to a carbon adsorption system (EPN E-2).

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#### Mix Building

The tanks located in the Mix Building are open vessels used for waste mixing and blending, and to store wastes prior to mixing or incineration. The vapors from these tanks and transfer operations are captured and routed to the afterburners on Train I or Train II.

#### Rotary Reactor Feed Building

Various sludges and solids are directed to this area where they will be blended together and fed directly into the rotary reactor kiln (RRKILN). Vapors from these operations are vented through the intake side of the kiln combustion fan and discharged into the rotary kiln (TS-RRKILN).

#### Vacuum Truck Operations

These trucks are used to transfer liquid waste from containers to the tank storage farms. A closed vent system is used to route transfer vapors to a kiln's afterburner.

#### Incinerator Trains

Incinerator Train I consists of a 3.6 meter rotary kiln capable of burning waste liquids, sludges, and solids. Train II consists of a 4.4 meter BKMI slagging rotary kiln, rotary reactor and afterburner that utilizes coal slag and lime, and is primarily used for incinerating solids.

### Stabilization and Encapsulation Facility

This facility is used to pre-condition waste prior to placing it in the landfills. This is done by mixing wastes with solidifying agents such as cement kiln dust.

### Miscellaneous Sources

Other sources at the site include a lime storage silo, diesel generators, fire water pumps, equipment fugitives, a waste water tank, two boilers, and waste water treatment facilities. The site also contains vent streams from a PCB shredder and fugitives from a leachate collection system for the inactive South Landfill.

### **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, PM, NOX, HAPS, CO
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### **Reading State of Texas’s Federal Operating Permit**

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

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

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

- New Source Review Authorization References
- Compliance Plan
- Alternative Requirements
- Appendix A
  - Acronym list
- Appendix B
  - Copies of major NSR authorizations

## General Terms and Conditions

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

## Special Terms and Conditions

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

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

## Attachments

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

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

**Additional Monitoring Requirement.** The next attachment includes additional monitoring the applicant must perform to ensure compliance with the applicable standard. Compliance assurance monitoring (CAM) is often required to provide a reasonable assurance of compliance with applicable emission limitations/standards for large emission units that use control devices to achieve compliance with applicant requirements. When necessary, periodic monitoring (PM) requirements are specified for certain parameters (i.e. feed rates, flow rates, temperature, fuel type and consumption, etc.) to determine if a term and condition or emission unit is

operating within specified limits to control emissions. These additional monitoring approaches may be required for two reasons. First, the applicable rules do not adequately specify monitoring requirements (exception- Maximum Achievable Control Technology Standards (MACTs) generally have sufficient monitoring), and second, monitoring may be required to fill gaps in the monitoring requirements of certain applicable requirements. In situations where the NSR permit is the applicable requirement requiring extra monitoring for a specific emission unit, the preferred solution is to have the monitoring requirements in the NSR permit updated so that all NSR requirements are consolidated in the NSR permit.

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

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

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

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

#### Appendix A

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

#### Appendix B

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

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

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

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

very limited environmental benefit in continuously monitoring sources that have a low potential to produce visible emissions. Therefore, the TCEQ set the visible observation monitoring frequency for these sources to once per calendar quarter.

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

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

**Federal Regulatory Applicability Determinations**

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

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

**Insignificant Activities**

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

1. Office activities such as photocopying, blueprint copying, and photographic processes.
2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
4. Outdoor barbecue pits, campfires, and fireplaces.
5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.
6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
7. Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
9. Vehicle exhaust from maintenance or repair shops.
10. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
11. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
12. Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
13. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
15. Well cellars.
16. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.
18. Equipment used exclusively for the melting or application of wax.
19. All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
20. Shell core and shell mold manufacturing machines.
21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

## **Determination of Applicable Requirements**

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to which the permit holder must comply. For more information about the

descriptions of the unit attributes specific Unit Attribute Forms may be viewed at [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html).

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

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

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

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

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

#### Operational Flexibility

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

### Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPENG	30 TAC Chapter 117, Subchapter B	R7ICI-1	Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)] Fuel Fired = Petroleum-based diesel fuel	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Carbon adsorber (non-regenerative).	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Carbon adsorber (non-regenerative).	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Carbon adsorber (non-regenerative).	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	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. Product Stored = Other than crude oil, condensate, or VOC	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system 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 Control Device Type = Carbon adsorber (non-regenerative).	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Carbon adsorber (non-regenerative).	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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 Control Device Type = Carbon adsorber (non-regenerative).	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Direct-flame incinerator	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Direct-flame incinerator	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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 Control Device Type = Direct-flame incinerator	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system 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 Control Device Type = Direct-flame incinerator	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Direct-flame incinerator	
GRP<20KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<20KTK	40 CFR Part 61, Subpart FF	61FF-E2	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Carbon adsorption system that does not regenerate the carbon bed directly in the control device</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p> <p>Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.</p>	
GRP<20KTK	40 CFR Part 61, Subpart FF	61FF-I	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP<20KTK	40 CFR Part 61, Subpart FF	61FF-II	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternate Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	
GRP<20KTK	40 CFR Part 61, Subpart Y	61Y-BENZ	<p>Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)</p>	
GRP<20KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E2	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRP<20KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRP<20KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRP<20KTK	40 CFR Part 63, Subpart DD	63DD-E2	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Carbon adsorption system</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Regenerable Carbon Adsorber = The carbon adsorber is not regenerable.</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).</p> <p>Design Analysis = Design analysis is used to demonstrate control device performance.</p>	
GRP<20KTK	40 CFR Part 63, Subpart DD	63DD-I	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRP<20KTK	40 CFR Part 63, Subpart DD	63DD-II	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRP<20KTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.	
GRP<20KTK	40 CFR Part 63, Subpart G	63G-E	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Regenerate On-site = Carbon adsorption bed is not regenerated directly onsite.</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i).</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is less than 75m<sup>3</sup> and storing liquid with any vapor pressure</p> <p>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.</p> <p>Control Device Type = Carbon adsorber</p>	
GRP<20KTK	40 CFR Part 63, Subpart G	63G-I	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is less than 75m<sup>3</sup> and storing liquid with any vapor pressure</p> <p>Control Device Type = Thermal vapor incinerator</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRP<20KTK	40 CFR Part 63, Subpart G	63G-II	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is less than 75m<sup>3</sup> and storing liquid with any vapor</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>pressure</p> <p>Control Device Type = Thermal vapor incinerator</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of	R5112-OIL-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	VOCs		<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	<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>Product Stored = Other than crude oil, condensate, or VOC</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</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> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Direct-flame incinerator	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Direct-flame incinerator	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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 Control Device Type = Direct-flame incinerator	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system 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 Control Device Type = Direct-flame incinerator	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Direct-flame incinerator	
GRP<25KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<25KTK	40 CFR Part 61, Subpart FF	61FF-E2	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Carbon adsorption system that does not regenerate the carbon bed directly in the control device</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p> <p>Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.</p>	
GRP<25KTK	40 CFR Part 61, Subpart FF	61FF-I	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP<25KTK	40 CFR Part 61, Subpart FF	61FF-II	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternate Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	
GRP<25KTK	40 CFR Part 61, Subpart Y	61Y-BENZ	<p>Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)</p>	
GRP<25KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E2	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRP<25KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRP<25KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRP<25KTK	40 CFR Part 63, Subpart DD	63DD-E2	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Carbon adsorption system</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Regenerable Carbon Adsorber = The carbon adsorber is not regenerable.</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).</p> <p>Design Analysis = Design analysis is used to demonstrate control device performance.</p>	
GRP<25KTK	40 CFR Part 63, Subpart DD	63DD-I	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRP<25KTK	40 CFR Part 63, Subpart DD	63DD-II	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRP<25KTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.	
GRP<25KTK	40 CFR Part 63, Subpart G	63G-E	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Regenerate On-site = Carbon adsorption bed is not regenerated directly onsite.</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i).</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m<sup>3</sup> but less than 151m<sup>3</sup> and vapor pressure of liquid stored is less than 13.1 kPa</p> <p>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.</p> <p>Control Device Type = Carbon adsorber</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRP<25KTK	40 CFR Part 63, Subpart G	63G-I	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m<sup>3</sup> but less than 151m<sup>3</sup> and vapor pressure of liquid stored is less than 13.1 kPa</p> <p>Control Device Type = Thermal vapor incinerator</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRP<25KTK	40 CFR Part 63, Subpart G	63G-II	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m<sup>3</sup> but less than 151m<sup>3</sup> and vapor pressure of liquid stored is less than 13.1 kPa</p> <p>Control Device Type = Thermal vapor incinerator</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRP<25KTK	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 61, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	<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>Product Stored = Other than crude oil, condensate, or VOC</p>	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 25,000 gallons of VOC other than crude oil or condensate.
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 25,000 gallons of VOC other than crude oil or condensate.
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-1a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p>	Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1)

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	<p>that store more than 25,000 gallons of VOC other than crude oil or condensate.</p>
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	<p>Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 25,000 gallons of VOC other than crude oil or condensate.</p>
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	<p>Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 25,000 gallons of VOC other than crude oil or condensate.</p>
GRP<40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	<p>Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 25,000 gallons of VOC other than crude oil or condensate.</p>
GRP<40KTK	30 TAC Chapter	R5112-VOC-IIc	<p>Today's Date = Today's date is March 1, 2013 or later.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	115, Storage of VOCs		<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP<40KTK	40 CFR Part 61, Subpart FF	61FF-E2	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Carbon adsorption system that does not regenerate the carbon bed directly in the control device</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p> <p>Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.</p>	
GRP<40KTK	40 CFR Part 61, Subpart FF	61FF-I	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRP<40KTK	40 CFR Part 61, Subpart FF	61FF-II	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	
GRP<40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)	
GRP<40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E2	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRP<40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRP<40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRP<40KTK	40 CFR Part 63, Subpart DD	63DD-E2	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Carbon adsorption system</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Regenerable Carbon Adsorber = The carbon adsorber is not regenerable.</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).</p> <p>Design Analysis = Design analysis is used to demonstrate control device performance.</p>	
GRP<40KTK	40 CFR Part 63, Subpart DD	63DD-I	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRP<40KTK	40 CFR Part 63, Subpart DD	63DD-II	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRP<40KTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.	
GRP<40KTK	40 CFR Part 63, Subpart G	63G-E	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Regenerate On-site = Carbon adsorption bed is not regenerated directly onsite.</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i).</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m<sup>3</sup> but less than 151m<sup>3</sup> and vapor pressure of liquid stored is less than 13.1 kPa</p> <p>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.</p> <p>Control Device Type = Carbon adsorber</p>	
GRP<40KTK	40 CFR Part 63, Subpart G	63G-I	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m<sup>3</sup> but less than 151m<sup>3</sup> and vapor pressure of liquid stored is less than 13.1 kPa</p> <p>Control Device Type = Thermal vapor incinerator</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRP<40KTK	40 CFR Part 63, Subpart G	63G-II	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m<sup>3</sup> but less than 151m<sup>3</sup> and vapor pressure of liquid stored is less than 13.1 kPa</p> <p>Control Device Type = Thermal vapor incinerator</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRP<40KTK	40 CFR Part 63, Subpart OO	6300	Subject to 40 CFR Part 61, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.	
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 40,000 gallons of crude oil or condensate.
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 40,000 gallons of crude oil or condensate.
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p>	Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 40,000 gallons of crude oil or condensate.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Direct-flame incinerator	
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Direct-flame incinerator	Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 40,000 gallons of crude oil or condensate.
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Direct-flame incinerator	
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Direct-flame incinerator	Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 40,000 gallons of crude oil or condensate.
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Direct-flame incinerator	Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 40,000 gallons of crude oil or condensate.
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Direct-flame incinerator	
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	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. Product Stored = Other than crude oil, condensate, or VOC	
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Carbon adsorber (non-regenerative).	Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 25,000 gallons of VOC other than crude oil or condensate.
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Carbon adsorber (non-regenerative).	Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 25,000 gallons of VOC other than crude oil or condensate.
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons Control Device Type = Carbon adsorber (non-regenerative).	
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-1a	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system	Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1)

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	<p>that store more than 25,000 gallons of VOC other than crude oil or condensate.</p>
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	<p>Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 25,000 gallons of VOC other than crude oil or condensate.</p>
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	<p>Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 25,000 gallons of VOC other than crude oil or condensate.</p>
GRP>40KTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	<p>Recordkeeping citation § 115.118(a)(6)(A) was added – this additional requirement applies to units using the exemption in § 115.111(a)(1) that store more than 25,000 gallons of VOC other than crude oil or condensate.</p>
GRP>40KTK	30 TAC Chapter	R5112-VOC-IIc	<p>Today's Date = Today's date is March 1, 2013 or later.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	115, Storage of VOCs		<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRP>40KTK	40 CFR Part 61, Subpart FF	61FF-E2	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Carbon adsorption system that does not regenerate the carbon bed directly in the control device</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p> <p>Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.</p>	
GRP>40KTK	40 CFR Part 61, Subpart FF	61FF-I	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRP>40KTK	40 CFR Part 61, Subpart FF	61FF-II	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	
GRP>40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)	
GRP>40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E2	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRP>40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRP>40KTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRP>40KTK	40 CFR Part 63, Subpart DD	63DD-E2	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Carbon adsorption system</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Regenerable Carbon Adsorber = The carbon adsorber is not regenerable.</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).</p> <p>Design Analysis = Design analysis is used to demonstrate control device performance.</p>	
GRP>40KTK	40 CFR Part 63, Subpart DD	63DD-I	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRP>40KTK	40 CFR Part 63, Subpart DD	63DD-II	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRP>40KTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.	
GRP>40KTK	40 CFR Part 63, Subpart G	63G-E	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Regenerate On-site = Carbon adsorption bed is not regenerated directly onsite.</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i).</p> <p>Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m<sup>3</sup> and vapor pressure of liquid stored is less than 5.2 kPa</p> <p>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.</p> <p>Control Device Type = Carbon adsorber</p>	
GRP>40KTK	40 CFR Part 63, Subpart G	63G-I	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m<sup>3</sup> and vapor pressure of liquid stored is less than 5.2 kPa</p> <p>Control Device Type = Thermal vapor incinerator</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRP>40KTK	40 CFR Part 63, Subpart G	63G-II	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 15m<sup>3</sup> and vapor pressure of liquid stored is less than 5.2 kPa</p> <p>Control Device Type = Thermal vapor incinerator</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRP>40KTK	40 CFR Part 63, Subpart OO	6300	Subject to 40 CFR Part 61, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	<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>Product Stored = Other than crude oil, condensate, or VOC</p>	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</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> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-1a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<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> <p>Control Device Type = Direct-flame incinerator</p>	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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> <p>Control Device Type = Direct-flame incinerator</p>	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</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> <p>Control Device Type = Direct-flame incinerator</p>	
GRPHPTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPHPTK	30 TAC Chapter	R5112-VOC-IIc	<p>Today's Date = Today's date is March 1, 2013 or later.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	115, Storage of VOCs		<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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> <p>Control Device Type = Direct-flame incinerator</p>	
GRPHPTK	40 CFR Part 61, Subpart FF	61FF-E2	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Carbon adsorption system that does not regenerate the carbon bed directly in the control device</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p> <p>Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.</p>	
GRPHPTK	40 CFR Part 61, Subpart FF	61FF-I	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPHPTK	40 CFR Part 61, Subpart FF	61FF-II	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	
GRPHPTK	40 CFR Part 61, Subpart Y	61Y-BENZ	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)	
GRPHPTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E2	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRPHPTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRPHPTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRPHPTK	40 CFR Part 63, Subpart DD	63DD-E2	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Carbon adsorption system</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Regenerable Carbon Adsorber = The carbon adsorber is not regenerable.</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).</p> <p>Design Analysis = Design analysis is used to demonstrate control device performance.</p>	
GRPHPTK	40 CFR Part 63, Subpart DD	63DD-I	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRPHPTK	40 CFR Part 63, Subpart DD	63DD-II	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRPHPTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.	
GRPHPTK	40 CFR Part 63, Subpart G	63G-E	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Regenerate On-site = Carbon adsorption bed is not regenerated directly onsite.</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i).</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m<sup>3</sup> but less than 151m<sup>3</sup> and vapor pressure of liquid stored is less than 13.1 kPa</p> <p>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.</p> <p>Control Device Type = Carbon adsorber</p>	
GRPHPTK	40 CFR Part 63, Subpart G	63G-I	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m<sup>3</sup> but less than 151m<sup>3</sup> and vapor pressure of liquid stored is less than 13.1 kPa</p> <p>Control Device Type = Thermal vapor incinerator</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRPHPTK	40 CFR Part 63, Subpart G	63G-II	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is greater than 75m<sup>3</sup> but less than 151m<sup>3</sup> and vapor pressure of liquid stored is less than 13.1 kPa</p> <p>Control Device Type = Thermal vapor incinerator</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRPHPTK	40 CFR Part 63, Subpart OO	6300	Subject to 40 CFR Part 61, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPGBKTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	<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>Product Stored = Other than crude oil, condensate, or VOC</p>	
GRPGBKTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</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> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPGBKTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPGBKTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPGBKTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-1a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<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> <p>Control Device Type = Direct-flame incinerator</p>	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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> <p>Control Device Type = Direct-flame incinerator</p>	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</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> <p>Control Device Type = Direct-flame incinerator</p>	
GRPKBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPKBTK	30 TAC Chapter	R5112-VOC-IIc	<p>Today's Date = Today's date is March 1, 2013 or later.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	115, Storage of VOCs		Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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 Control Device Type = Direct-flame incinerator	
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-E2A	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-E2B	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-E2C	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-IA	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-IB	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
GRPKBTK	40 CFR Part 60,	60KB-WASTE-IC	Product Stored = Waste mixture of indeterminate or variable composition	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-IIA	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 2.2 psia but less than 4.0 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-IIB	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
GRPKBTK	40 CFR Part 60, Subpart Kb	60KB-WASTE-IIC	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 11.1 psia Storage Vessel Description = CVS and control device other than a flare (fixed roof)	
GRPKBTK	40 CFR Part 61, Subpart FF	61FF-E2	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Closed Vent System and Control Device = A closed vent system and control device is used. Control Device Type/Operations = Carbon adsorption system that does not regenerate the carbon bed directly in the control device Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.	
GRPKBTK	40 CFR Part 61,	61FF-I	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	Subpart FF		<p>from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	
GRPKBTK	40 CFR Part 61, Subpart FF	61FF-II	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	
GRPKBTK	40 CFR Part 61, Subpart Y	61-BENZ-E2	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRPKBTK	40 CFR Part 61, Subpart Y	61-BENZ-I	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRPKBTK	40 CFR Part 61, Subpart Y	61-BENZ-II	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRPKBTK	40 CFR Part 61, Subpart Y	61-OTH	<p>Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)</p>	
GRPKBTK	40 CFR Part 63, Subpart DD	63DD-E2	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Carbon adsorption system</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device.</p> <p>Tank Type = A pressure tank</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Regenerable Carbon Adsorber = The carbon adsorber is not regenerable.</p> <p>Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).</p>	
GRPFBTK	40 CFR Part 63, Subpart DD	63DD-I	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A pressure tank</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p>	
GRPFBTK	40 CFR Part 63, Subpart DD	63DD-II	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A pressure tank</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E1a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E1b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E1c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	<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>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	<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>Product Stored = Other than crude oil, condensate, or VOC</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E1a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is 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> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E1b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E1c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is 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> <p>Control Device Type = Direct-flame incinerator</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is 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> <p>Control Device Type = Direct-flame incinerator</p>	
GRPMIXBTK	30 TAC Chapter	R5112-VOC-IIb	<p>Today's Date = Today's date is March 1, 2013 or later.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	115, Storage of VOCs		<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPMIXBTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPMIXBTK	40 CFR Part 61, Subpart FF	61FF-E1	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Carbon adsorption system that does not regenerate the carbon bed directly in the control device</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p> <p>Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.</p>	Related standard § 61.343(e) was added to specify which requirements apply for the total enclosure vented to a closed vent system and control device.
GRPMIXBTK	40 CFR Part 61, Subpart FF	61FF-I	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p>	Related standard § 61.343(e) was added to specify which requirements apply for the total enclosure vented to a closed vent system and control device.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	
GRPMIXBTK	40 CFR Part 61, Subpart FF	61FF-II	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	Related standard § 61.343(e) was added to specify which requirements apply for the total enclosure vented to a closed vent system and control device.
GRPMIXBTK	40 CFR Part 61, Subpart Y	61Y-BENZ-E1	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRPMIXBTK	40 CFR Part 61, Subpart Y	61Y-BENZ-I	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRPMIXBTK	40 CFR Part 61, Subpart Y	61Y-BENZ-II	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is greater than or equal to 10,000 gallons</p> <p>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb</p> <p>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation</p> <p>Tank Description = Closed vent system</p> <p>Control Device Type = Control device other than a flare</p>	
GRPMIXBTK	40 CFR Part 61, Subpart Y	61Y-OTH	<p>Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)</p>	
GRPMIXBTK	40 CFR Part 63, Subpart DD	63DD-E1	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Carbon adsorption system</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Regenerable Carbon Adsorber = The carbon adsorber is not regenerable.</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).</p> <p>Design Analysis = Design analysis is used to demonstrate control device performance.</p>	
GRPMIXBTK	40 CFR Part 63, Subpart DD	63DD-I	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRPMIXBTK	40 CFR Part 63, Subpart DD	63DD-II	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRPMIXBTK	40 CFR Part 63, Subpart DD	63DD-Y	<p>Subject to Another Subpart of Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.</p>	
GRPMIXBTK	40 CFR Part 63, Subpart G	63G-E	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Regenerate On-site = Carbon adsorption bed is not regenerated directly onsite.</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i).</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is less than 75m<sup>3</sup> and storing liquid with any vapor pressure</p> <p>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.</p> <p>Control Device Type = Carbon adsorber</p>	

<b>Unit ID</b>	<b>Regulation</b>	<b>Index Number</b>	<b>Basis of Determination*</b>	<b>Changes and Exceptions to DSS**</b>
GRPMIXBTK	40 CFR Part 63, Subpart G	63G-I	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is less than 75m<sup>3</sup> and storing liquid with any vapor pressure</p> <p>Control Device Type = Thermal vapor incinerator</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRPMIXBTK	40 CFR Part 63, Subpart G	63G-II	<p>Process Wastewater = The tank receives, manages, or treats process wastewater streams</p> <p>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.</p> <p>Wastewater Tank Properties = Volume of the wastewater tank is less than 75m<sup>3</sup> and storing liquid with any vapor pressure</p> <p>Control Device Type = Thermal vapor incinerator</p> <p>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)</p>	
GRPMIXBTK	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 61, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E2c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPWESTTK	30 TAC Chapter	R5112-OIL-IIb	<p>Today's Date = Today's date is March 1, 2013 or later.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	115, Storage of VOCs		<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</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> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E2c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Carbon adsorber (non-regenerative).	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system 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 Control Device Type = Direct-flame incinerator	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Direct-flame incinerator	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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 Control Device Type = Direct-flame incinerator	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system 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 Control Device Type = Direct-flame incinerator	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	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.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
GRPWESTTK	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe and vapor recovery system</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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> <p>Control Device Type = Direct-flame incinerator</p>	
GRPWESTTK	40 CFR Part 61, Subpart FF	61FF-E2	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Carbon adsorption system that does not regenerate the carbon bed directly in the control device</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p> <p>Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.</p>	
GRPWESTTK	40 CFR Part 61, Subpart FF	61FF-I	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	
GRPWESTTK	40 CFR Part 61, Subpart FF	61FF-II	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	
GRPWESTTK	40 CFR Part 61, Subpart Y	61Y-10K-	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is less than 10,000 gallons</p>	
GRPWESTTK	40 CFR Part 61, Subpart Y	61Y-OTH	<p>Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)</p>	
GRPWESTTK	40 CFR Part 63, Subpart DD	63DD-E2	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Carbon adsorption system</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Regenerable Carbon Adsorber = The carbon adsorber is not regenerable.</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).</p> <p>Design Analysis = Design analysis is used to demonstrate control device performance.</p>	
GRPWESTTK	40 CFR Part 63, Subpart DD	63DD-I	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
GRPWESTTK	40 CFR Part 63, Subpart DD	63DD-II	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank vented through a closed vent system to a control device</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR §</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			63.693(b)(4)(i). Bypass Device = The closed vent system routing to the control device does not include by-pass devices. Design Analysis = A performance test is used to demonstrate control device performance.	
GRPWESTTK	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.	
GRPWESTTK	40 CFR Part 63, Subpart G	63G-E	Process Wastewater = The tank receives, manages, or treats process wastewater streams Regenerate On-site = Carbon adsorption bed is not regenerated directly onsite. Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Performance Test = Performance tests are not conducted using the methods and procedures specified in § 63.145(i). Wastewater Tank Properties = Volume of the wastewater tank is less than 75m <sup>3</sup> and storing liquid with any vapor pressure 95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement. Control Device Type = Carbon adsorber	
GRPWESTTK	40 CFR Part 63, Subpart G	63G-I	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m <sup>3</sup> and storing liquid with any vapor pressure Control Device Type = Thermal vapor incinerator Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)	
GRPWESTTK	40 CFR Part 63, Subpart G	63G-II	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m <sup>3</sup> and storing liquid with any vapor pressure Control Device Type = Thermal vapor incinerator Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)	
T-1202	40 CFR Part 61, Subpart FF	61FF-I	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.	
T-1202	40 CFR Part 61, Subpart FF	61FF-II	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.	
T-1202	40 CFR Part 63, Subpart DD	63DD-N	Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Numerical Concentration Limits = The off-site material placed in the tank is a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.	
T-1202	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.	
T-1202	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 61, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.	
T-1203	40 CFR Part 61, Subpart FF	61FF-I	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.	
T-1203	40 CFR Part 61, Subpart FF	61FF-II	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.	
T-1203	40 CFR Part 63, Subpart DD	63DD-N	Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.	
T-1203	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.	
T-1203	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 61, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.	
T-1204	40 CFR Part 61, Subpart FF	61FF-I	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.	
T-1204	40 CFR Part 61, Subpart FF	61FF-II	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.	
T-1204	40 CFR Part 63, Subpart DD	63DD-N	Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.	
T-1204	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.	
T-1204	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 61, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.	
T-150	30 TAC Chapter 115, Storage of	R5112-OIL	Today's Date = Today's date is March 1, 2013 or later.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	VOCs		<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>	
T-150	30 TAC Chapter 115, Storage of VOCs	R5112-OTH	<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>Product Stored = Other than crude oil, condensate, or VOC</p>	
T-150	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>	
T-150	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>	
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons Control Device Type = Direct-flame incinerator	
T-201	30 TAC Chapter 115, Storage of	R5112-OTH	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	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	VOCs		<p>compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>	
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is 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> <p>Control Device Type = Direct-flame incinerator</p>	
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is 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> <p>Control Device Type = Direct-flame incinerator</p>	
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	<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>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
T-201	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
T-201	40 CFR Part 60, Subpart Kb	60Kb-T201	<p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)</p>	
T-201	40 CFR Part 61, Subpart FF	61FF-Ia	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	Related standard § 61.343(e) was added to specify which requirements apply for the total enclosure vented to a closed vent system and control device.
T-201	40 CFR Part 61, Subpart FF	61FF-Ib	<p>Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.</p>	
T-201	40 CFR Part 61, Subpart FF	61FF-IIa	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p>	Related standard § 61.343(e) was added to specify which requirements apply for the total enclosure vented to a closed vent system and control device.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	
T-201	40 CFR Part 61, Subpart FF	61FF-IIb	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.	
T-201	40 CFR Part 61, Subpart Y	61Y-BENZ	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is less than 10,000 gallons</p>	
T-201	40 CFR Part 61, Subpart Y	61Y-OTH	Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)	
T-201	40 CFR Part 63, Subpart DD	63DD-I	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank located inside an enclosure that is vented through a closed vent system to an enclosed combustion control device.</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p> <p>Design Analysis = A performance test is used to demonstrate control device performance.</p>	
T-201	40 CFR Part 63, Subpart DD	63DD-II	<p>Bulk Feed = The tank is not used for bulk feed of off-site material to a waste incinerator.</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>Existing Source = The tank is part of an existing source managing off-site material.</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Tank Emissions Control = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Tank Type = A tank located inside an enclosure that is vented through a closed vent system to an enclosed combustion control device.</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Inspected and Monitored = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed vent system routing to the control device does not include by-pass devices.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Design Analysis = A performance test is used to demonstrate control device performance.	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E1a	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E1b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-E1c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-Ic	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIa	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIb	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-OIL-IIc	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p> <p>Control Device Type = Direct-flame incinerator</p>	
T-638	30 TAC Chapter	R5112-VOC-E1a	<p>Today's Date = Today's date is March 1, 2013 or later.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
	115, Storage of VOCs		<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is 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> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E1b	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-E1c	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p> <p>Control Device Type = Carbon adsorber (non-regenerative).</p>	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ia	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is 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> <p>Control Device Type = Direct-flame incinerator</p>	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ib	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Direct-flame incinerator	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-Ic	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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 Control Device Type = Direct-flame incinerator	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIa	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) 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 Control Device Type = Direct-flame incinerator	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIb	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons Control Device Type = Direct-flame incinerator	
T-638	30 TAC Chapter 115, Storage of VOCs	R5112-VOC-IIc	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a vapor recovery system (VRS) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 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 Control Device Type = Direct-flame incinerator	
T-638	40 CFR Part 61, Subpart FF	61FF-E1	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of	Related standard § 61.343(e) was added to specify which requirements apply for the total enclosure vented to a

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Carbon adsorption system that does not regenerate the carbon bed directly in the control device</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p> <p>Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.</p>	<p>closed vent system and control device.</p>
T-638	40 CFR Part 61, Subpart FF	61FF-I	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p> <p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	<p>Related standard § 61.343(e) was added to specify which requirements apply for the total enclosure vented to a closed vent system and control device.</p>
T-638	40 CFR Part 61, Subpart FF	61FF-II	<p>Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.</p> <p>Tank Control Requirements = The tank is located in a total enclosure meeting the requirements of 40 CFR § 61.343(e) and has a closed vent system routing vapors to either a fuel gas system or control device.</p> <p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.</p> <p>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.</p> <p>Closed Vent System and Control Device = A closed vent system and control device is used.</p>	<p>Related standard § 61.343(e) was added to specify which requirements apply for the total enclosure vented to a closed vent system and control device.</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C</p> <p>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).</p> <p>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance</p> <p>Alternate Monitoring Parameters = Alternate monitoring parameters not requested</p> <p>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.</p>	
T-638	40 CFR Part 61, Subpart Y	61Y-BENZ	<p>Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles</p> <p>Storage Capacity = Capacity is less than 10,000 gallons</p>	
T-638	40 CFR Part 61, Subpart Y	61Y-OTH	<p>Tank Type = The storage tank or vessel stores benzene which is not within specific gravities defined in 40 CFR § 61.270(a)</p>	
T-638	40 CFR Part 63, Subpart DD	63DD-E1	<p>Bulk Feed = The tank is used for bulk feed of off-site material to a waste incinerator and meets all of the conditions specified in 40 CFR § 63.683(b)(2)(v)(A) - (C).</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Carbon adsorption system</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>HAP Recovery = The carbon adsorber or condenser is designed and operated to recover 95% or greater, on a weight-basis, of the total hazardous air pollutants listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the control device.</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p> <p>Regenerable Carbon Adsorber = The carbon adsorber is not regenerable.</p> <p>Complying with § 63.693(d)(4)(iii) = The owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii).</p>	
T-638	40 CFR Part 63, Subpart DD	63DD-I	<p>Bulk Feed = The tank is used for bulk feed of off-site material to a waste incinerator and meets all of the conditions specified in 40 CFR § 63.683(b)(2)(v)(A) - (C).</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p> <p>Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685.</p> <p>Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).</p>	
T-638	40 CFR Part 63, Subpart DD	63DD-II	<p>Bulk Feed = The tank is used for bulk feed of off-site material to a waste incinerator and meets all of the conditions specified in 40 CFR § 63.683(b)(2)(v)(A) - (C).</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device.</p> <p>No Detectable Organic Emissions = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63.</p> <p>Control Device = Thermal vapor incinerator</p> <p>HAP &lt;1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used.</p> <p>Numerical Concentration Limits = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.</p> <p>95% HAP Destruction = HAP is destroyed by at least 95% on a total HAP weight-basis.</p> <p>Alternative Operating Parameters = Alternative monitoring parameters are not used.</p> <p>Treated Organic Hazardous Constituents = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Air Emission Controls = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. Biological Treatment = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).	
T-638	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.	
T-638	40 CFR Part 63, Subpart G	63G-II	Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m <sup>3</sup> and storing liquid with any vapor pressure Control Device Type = Thermal vapor incinerator Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)	
T-638	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 61, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.	
V-1204	40 CFR Part 61, Subpart FF	61FF-I	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.	
V-1204	40 CFR Part 61, Subpart FF	61FF-II	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.	
V-1204	40 CFR Part 63, Subpart DD	63DD-N	Subject to Another Subpart of Part 61 or 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. HAP <1 Mg/Year = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). Numerical Concentration Limits = The off-site material placed in the tank is a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.	
V-1204	40 CFR Part 63, Subpart DD	63DD-Y	Subject to Another Subpart of Part 61 or 63 = The tank is subject to another subpart under 40 CFR Part 61 or Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted in compliance with the provisions of the other subpart.	
V-1204	40 CFR Part 63, Subpart OO	63OO	Subject to 40 CFR Part 61, 61 or 63 = The tank is not subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control.	
GULP-1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-HVE	Chapter 115 Control Device Type = Vapor control system with a carbon adsorption system. Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GULP-1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-HVI	<p>Daily Throughput = Loading less than 20,000 gallons per day.</p> <p>Chapter 115 Control Device Type = Vapor control system with a direct flame incinerator.</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>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Only loading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Loading less than 20,000 gallons per day.</p>	
GULP-1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-HVII	<p>Chapter 115 Control Device Type = Vapor control system with a direct flame incinerator.</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>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Only loading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Loading less than 20,000 gallons per day.</p>	
GULP-1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-LV	<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 loading.</p> <p>True Vapor Pressure = True vapor pressure less than 0.5 psia.</p>	
GRPBOILER	30 TAC Chapter 117, Subchapter B	R117-B1B2	<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 = Continuous emissions monitoring system.</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>Fuel Type #1 = 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<sub>x</sub> reduction.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FU-1	40 CFR Part 61, Subpart J	61J-NO	<p>40 CFR 61 (NESHAP) SUBPART J DESIGN CAPACITY = SITE IS DESIGNED TO PRODUCE OR USE MORE THAN 1,000 MEGAGRAMS OF BENZENE PER YEAR</p> <p>ANY COMPONENT IN BENZENE SERVICE [NESHAP J] = THE FACILITY CONTAINS NO COMPONENT(S) IN BENZENE SERVICE</p> <p>40 CFR 61 (NESHAP) SUBPART J ALTERNATE MEANS OF EMISSION LIMITATION (AMEL) = NOT USING ALTERNATE MEANS OF EMISSION LIMITATION.</p>	
FU-1	40 CFR Part 61, Subpart J	61J-YES	<p>40 CFR 61 (NESHAP) SUBPART J DESIGN CAPACITY = SITE IS DESIGNED TO PRODUCE OR USE MORE THAN 1,000 MEGAGRAMS OF BENZENE PER YEAR</p> <p>ANY COMPONENT IN BENZENE SERVICE [NESHAP J] = THE FACILITY CONTAINS ANY COMPONENT(S) IN BENZENE SERVICE</p> <p>40 CFR 61 (NESHAP) SUBPART J ALTERNATE MEANS OF EMISSION LIMITATION (AMEL) = NOT USING ALTERNATE MEANS OF EMISSION LIMITATION.</p>	
FU-1	40 CFR Part 61, Subpart V	61V-1-TRAINI	<p>Closed-vent Systems = No alternate method of emission limitation is used for closed vent systems or other control devices.</p> <p>Compressors = The fugitive unit contains compressors in VHAP service.</p> <p>Enclosed Combustion Device = The fugitive unit contains enclosed combustion devices in VHAP service.</p> <p>Flare = The fugitive unit does not contain flares.</p> <p>Pressure Relief Devices in Gas/Vapor Service = The fugitive unit contains pressure relief devices in gas/vapor VHAP service.</p> <p>Product Accumulator Vessels = The fugitive unit does not contain product accumulator vessels.</p> <p>Sampling Connection Systems = The fugitive unit contains sampling connection systems in VHAP service.</p> <p>Vacuum Service = The fugitive unit does not contain components in vacuum service.</p> <p>Valves = The fugitive unit contains valves in VHAP service.</p> <p>Vapor Recovery System = The fugitive unit does not contain vapor recovery systems in VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for compressors.</p> <p>VHAP Service = The fugitive unit contains components in VHAP service.</p> <p>Complying with 40 CFR § 61.242-11(f)(1) = Closed vent systems are complying with § 61.242-11(f)(1).</p> <p>Pumps = The fugitive unit contains pumps in VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for pumps.</p> <p>Complying with 40 CFR § 61.242-11(c) = Enclosed combustion devices are complying with § 61.242-11(c).</p> <p>Complying with 40 CFR § 61.242-11(d) = No flares are complying with § 61.242-11(d).</p> <p>Complying with 40 CFR § 61.242-3 = Compressors are complying with § 61.242-3.</p> <p>Complying with 40 CFR § 61.242-4 = Pressure relief devices in gas/vapor service are complying with § 61.242-4.</p> <p>Complying with 40 CFR § 61.242-5 = Sampling connection systems are complying with § 61.242-5.</p> <p>Complying with 40 CFR § 61.242-7 = Valves are complying with § 61.242-7.</p> <p>Complying with 40 CFR § 61.242-9 = No product accumulator vessels are complying with § 61.242-9.</p> <p>Complying with 40 CFR § 61.242-11(b) = No vapor recovery systems are complying with § 61.242-11(b).</p> <p>Flanges and Other Connectors = The fugitive unit contains flanges and other connectors in VHAP service.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines in VHAP service.</p> <p>Pressure Relief Devices in Liquid Service = The fugitive unit contains pressure relief devices in liquid VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for pressure relief devices in liquid service.</p> <p>Complying with 40 CFR § 61.242-2 = Pumps are complying with 40 CFR § 61.242-2.</p> <p>Complying with 40 CFR § 61.242-6 = Open-ended valves or lines are complying with § 61.242-6.</p> <p>Complying with 40 CFR § 61.242-8 = Pressure relief devices in liquid service are complying with § 61.242-8.</p>	
FU-1	40 CFR Part 61, Subpart V	61V-1-TRAINII	<p>Closed-vent Systems = No alternate method of emission limitation is used for closed vent systems or other control devices.</p> <p>Compressors = The fugitive unit contains compressors in VHAP service.</p> <p>Enclosed Combustion Device = The fugitive unit contains enclosed combustion devices in VHAP service.</p> <p>Flare = The fugitive unit does not contain flares.</p> <p>Pressure Relief Devices in Gas/Vapor Service = The fugitive unit contains pressure relief devices in gas/vapor VHAP service.</p> <p>Product Accumulator Vessels = The fugitive unit does not contain product accumulator vessels.</p> <p>Sampling Connection Systems = The fugitive unit contains sampling connection systems in VHAP service.</p> <p>Vacuum Service = The fugitive unit does not contain components in vacuum service.</p> <p>Valves = The fugitive unit contains valves in VHAP service.</p> <p>Vapor Recovery System = The fugitive unit does not contain vapor recovery systems in VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for compressors.</p> <p>VHAP Service = The fugitive unit contains components in VHAP service.</p> <p>Complying with 40 CFR § 61.242-11(f)(1) = Closed vent systems are complying with § 61.242-11(f)(1).</p> <p>Pumps = The fugitive unit contains pumps in VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for pumps.</p> <p>Complying with 40 CFR § 61.242-11(c) = Enclosed combustion devices are complying with § 61.242-11(c).</p> <p>Complying with 40 CFR § 61.242-11(d) = No flares are complying with § 61.242-11(d).</p> <p>Complying with 40 CFR § 61.242-3 = Compressors are complying with § 61.242-3.</p> <p>Complying with 40 CFR § 61.242-4 = Pressure relief devices in gas/vapor service are complying with § 61.242-4.</p> <p>Complying with 40 CFR § 61.242-5 = Sampling connection systems are complying with § 61.242-5.</p> <p>Complying with 40 CFR § 61.242-7 = Valves are complying with § 61.242-7.</p> <p>Complying with 40 CFR § 61.242-9 = No product accumulator vessels are complying with § 61.242-9.</p> <p>Complying with 40 CFR § 61.242-11(b) = No vapor recovery systems are complying with § 61.242-11(b).</p> <p>Flanges and Other Connectors = The fugitive unit contains flanges and other connectors in VHAP service.</p> <p>Open-ended Valves or Lines = The fugitive unit contains open-ended valves or lines in VHAP service.</p> <p>Pressure Relief Devices in Liquid Service = The fugitive unit contains pressure relief devices in liquid VHAP service.</p> <p>AMEL = No alternate method of emission limitation is used for pressure relief devices in liquid service.</p> <p>Complying with 40 CFR § 61.242-2 = Pumps are complying with 40 CFR § 61.242-2.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Complying with 40 CFR § 61.242-6 = Open-ended valves or lines are complying with § 61.242-6.</p> <p>Complying with 40 CFR § 61.242-8 = Pressure relief devices in liquid service are complying with § 61.242-8.</p>	
BULKVENT-1	30 TAC Chapter 115, Vent Gas Controls	R5121-E	<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 recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.</p> <p>Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg).</p> <p>VOC Concentration = VOC concentration is greater than or equal to 612 ppmv.</p>	
BULKVENT-1	30 TAC Chapter 115, Vent Gas Controls	R5121-I	<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 = 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 = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg).</p> <p>VOC Concentration = VOC concentration is greater than or equal to 612 ppmv.</p>	
BULKVENT-1	30 TAC Chapter 115, Vent Gas Controls	R5121-II	<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 = 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 = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.</p> <p>Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg).</p> <p>VOC Concentration = VOC concentration is greater than or equal to 612 ppmv.</p>	
BULKVENT-1	40 CFR Part 63, Subpart DD	63DD-E	<p>Air Emission Controls = The average VOHAP concentration at the point of delivery for off-site materials managed in the tank has been determined to be greater than 500 ppmw or has not been determined.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Control Device = Carbon adsorption system</p> <p>Alternative Operating Parameters = Not monitoring alternative operating parameters.</p> <p>Inspected and Monitored = The closed-vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed-vent system has no by-pass devices.</p> <p>HAP Recovery = The carbon adsorber or condenser is designed and operated to recover greater than or equal to 95%, on a weight-basis, of the total hazardous air pollutants contained in the vent stream entering the device.</p> <p>Design Analysis = Design analysis is used to demonstrate control device performance.</p> <p>Regenerable Carbon Adsorber = The carbon adsorption system is not regenerable.</p> <p>Comply with § 63.693(d)(4)(iii) = The nonregenerable carbon adsorber is complying with the monitoring requirements of § 63.693(d)(4)(iii).</p> <p>No Detectable Organic Emissions = The closed-vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p>	
BULKVENT-1	40 CFR Part 63, Subpart DD	63DD-I	<p>Air Emission Controls = The average VOHAP concentration at the point of delivery for off-site materials managed in the tank has been determined to be greater than 500 ppmw or has not been determined.</p> <p>Control Device = Thermal vapor incinerator</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the HAP listed in Table 1 contained in the vent stream entering the control device.</p> <p>Organic Monitoring Device = The incinerator either complies with the temperature and residence time requirements or uses a continuous monitor that records temperature.</p> <p>Alternative Operating Parameters = Not monitoring alternative operating parameters.</p> <p>Inspected and Monitored = The closed-vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Meets 40 CFR 63.693(f)(1)(iii) = A residence time of 0.5 seconds or longer and a temperature of 760°C or higher is maintained in the vapor incinerator combustion chamber per § 63.693(f)(1)(iii)</p> <p>95% HAP Destruction = 95 % or more of the HAP in the vent stream, on a total HAP weight basis, is destroyed.</p> <p>Bypass Device = The closed-vent system has no by-pass devices.</p> <p>Design Analysis = Performance testing is used to demonstrate control device performance.</p> <p>No Detectable Organic Emissions = The closed-vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p>	
BULKVENT-1	40 CFR Part 63, Subpart DD	63DD-II	<p>Air Emission Controls = The average VOHAP concentration at the point of delivery for off-site materials managed in the tank has been determined to be greater than 500 ppmw or has not been determined.</p> <p>Control Device = Thermal vapor incinerator</p> <p>HAP Destruction = The vapor incinerator, boiler, or process heater is designed and operated to destroy the HAP listed in Table 1 contained in the vent stream entering the control device.</p> <p>Organic Monitoring Device = The incinerator either complies with the temperature and residence time requirements or uses a continuous monitor that records temperature.</p> <p>Alternative Operating Parameters = Not monitoring alternative operating parameters.</p> <p>Inspected and Monitored = The closed-vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Meets 40 CFR 63.693(f)(1)(iii) = A residence time of 0.5 seconds or longer and a temperature of 760°C or higher is</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>maintained in the vapor incinerator combustion chamber per § 63.693(f)(1)(iii)</p> <p>95% HAP Destruction = 95 % or more of the HAP in the vent stream, on a total HAP weight basis, is destroyed.</p> <p>Bypass Device = The closed-vent system has no by-pass devices.</p> <p>Design Analysis = Performance testing is used to demonstrate control device performance.</p> <p>No Detectable Organic Emissions = The closed-vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p>	
PCBSHRED-1	30 TAC Chapter 115, Vent Gas Controls	R5127-EXP	<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 = VOC concentration is less than 612 ppmv.</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>	
TRSAMVENT-1	30 TAC Chapter 115, Vent Gas Controls	R5121-EXP	<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 = VOC concentration is less than 612 ppmv.</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>	
TRSAMVENT-1	40 CFR Part 63, Subpart DD	63DD-E	<p>Air Emission Controls = The average VOHAP concentration at the point of delivery for off-site materials managed in the tank has been determined to be greater than 500 ppmw or has not been determined.</p> <p>Control Device = Carbon adsorption system</p> <p>Alternative Operating Parameters = Not monitoring alternative operating parameters.</p> <p>Inspected and Monitored = The closed-vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i).</p> <p>Bypass Device = The closed-vent system has no by-pass devices.</p> <p>HAP Recovery = The carbon adsorber or condenser is designed and operated to recover greater than or equal to 95%, on a weight-basis, of the total hazardous air pollutants contained in the vent stream entering the device.</p> <p>Design Analysis = Design analysis is used to demonstrate control device performance.</p> <p>Regenerable Carbon Adsorber = The carbon adsorption system is not regenerable.</p> <p>Comply with § 63.693(d)(4)(iii) = The nonregenerable carbon adsorber is complying with the monitoring requirements of § 63.693(d)(4)(iii).</p> <p>No Detectable Organic Emissions = The closed-vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p>	
3.6KILN	40 CFR Part 61, Subpart C	61C-1	<p>Ambient Limit = Approval to meet the ambient limits has not been requested or has not been approved.</p> <p>Burning = Beryllium and/or beryllium-containing waste, except propellants, are burned in the incinerator</p> <p>Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13</p>	
3.6KILN	40 CFR Part 61, Subpart E	61E-1	Emission Testing Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Sludge Sampling = Stack sampling is conducted to determine compliance with § 61.52(b). Mercury Emissions = Mercury emissions are less than 1,600 grams per 24-hour period	
4.4KILN	40 CFR Part 61, Subpart C	61C-1	Ambient Limit = Approval to meet the ambient limits has not been requested or has not been approved. Burning = Beryllium and/or beryllium-containing waste, except propellants, are burned in the incinerator Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13	
4.4KILN	40 CFR Part 61, Subpart E	61E-II	Emission Testing Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13 Sludge Sampling = Stack sampling is conducted to determine compliance with § 61.52(b). Mercury Emissions = Mercury emissions are less than 1,600 grams per 24-hour period	
RRKILN	40 CFR Part 61, Subpart C	61C-1	Ambient Limit = Approval to meet the ambient limits has not been requested or has not been approved. Burning = Beryllium and/or beryllium-containing waste, except propellants, are burned in the incinerator Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13	
RRKILN	40 CFR Part 61, Subpart E	61E-I	Emission Testing Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13 Sludge Sampling = Stack sampling is conducted to determine compliance with § 61.52(b). Mercury Emissions = Mercury emissions are less than 1,600 grams per 24-hour period	
TRAINIABC	30 TAC Chapter 117, Subchapter B	R117-1	Fuel Flow Monitoring = Unit operates with a NO <sub>x</sub> 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 100 MMBtu/hr or greater CO Emission Limitation = Unit is subject to the CO limits of 40 CFR Part 264 or 265, Subpart O, for hazardous waste incinerators NO <sub>x</sub> 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) NH <sub>3</sub> Emission Limitation = Complying with 30 TAC § 117.310(c)(2) NO <sub>x</sub> Reduction = Post combustion control technique with ammonia injection NH <sub>3</sub> Monitoring = Continuous emissions monitoring system NO <sub>x</sub> Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1)	
TRAINIABC	40 CFR Part 61, Subpart C	61C-1	Ambient Limit = Approval to meet the ambient limits has not been requested or has not been approved. Burning = Beryllium and/or beryllium-containing waste, except propellants, are burned in the incinerator Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13	
TRAINIABC	40 CFR Part 63, Subpart EEE	63EEE-1	CO/THC Standard = Complying with the THC standard in § 63.1219(a)(5)(ii) or (b)(5)(ii). Existing Source = The incinerator is an existing source (construction or reconstruction commenced on or before April 20, 2004). Baghouse = The furnace is not equipped with a baghouse. Control System = The incinerator is not equipped with a waste heat boiler or a dry air pollution control system. Dioxin-Listed = The furnace does not burn the dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027. Hg Feedrate = Feedrate levels are established as 12-hour rolling average limit for Hg.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>ALT Metals = Complying with the particulate matter standards.</p> <p>DRE Previous Test = Previous testing was used to document conformance with the DRE standard.</p> <p>Feed Zone = The source feeds waste at the normal flame zone.</p> <p>MET Feedrate = Feedrate levels are established as 12-hour rolling average limit for semi-volatile and low volatile metals.</p>	
TRAINIABC	30 TAC Chapter 117, Subchapter B	R117-1	<p>Fuel Flow Monitoring = Unit operates with a NO<sub>x</sub> and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.340(a)(2)(A) or 117.440(a) (2)(A)</p> <p>Maximum Rated Capacity = MRC is 100 MMBtu/hr or greater</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>NO<sub>x</sub> 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>NH<sub>3</sub> Emission Limitation = Complying with 30 TAC § 117.310(c)(2)</p> <p>NO<sub>x</sub> Reduction = Post combustion control technique with ammonia injection</p> <p>NH<sub>3</sub> Monitoring = Continuous emissions monitoring system</p> <p>NO<sub>x</sub> Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1)</p>	
TRAINIABC	40 CFR Part 61, Subpart C	61C-1	<p>Ambient Limit = Approval to meet the ambient limits has not been requested or has not been approved.</p> <p>Burning = Beryllium and/or beryllium-containing waste, except propellants, are burned in the incinerator</p> <p>Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13</p>	
TRAINIABC	40 CFR Part 61, Subpart E	61E-II	<p>Emission Testing Waiver = No waiver of emission testing was obtained under 40 CFR § 61.13</p> <p>Sludge Sampling = Stack sampling is conducted to determine compliance with § 61.52(b).</p> <p>Mercury Emissions = Mercury emissions are less than 1,600 grams per 24-hour period</p>	
TRAINIABC	40 CFR Part 63, Subpart EEE	63EEE-1	<p>CO/THC Standard = Complying with the THC standard in § 63.1219(a)(5)(ii) or (b)(5)(ii).</p> <p>Existing Source = The incinerator is an existing source (construction or reconstruction commenced on or before April 20, 2004).</p> <p>Baghouse = The furnace is not equipped with a baghouse.</p> <p>Control System = The incinerator is not equipped with a waste heat boiler or a dry air pollution control system.</p> <p>Dioxin-Listed = The furnace does not burn the dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027.</p> <p>Hg Feedrate = Feedrate levels are established as 12-hour rolling average limit for Hg.</p> <p>ALT Metals = Complying with the particulate matter standards.</p> <p>DRE Previous Test = Previous testing was used to document conformance with the DRE standard.</p> <p>Feed Zone = The source feeds waste at the normal flame zone.</p> <p>MET Feedrate = Feedrate levels are established as 12-hour rolling average limit for semi-volatile and low volatile metals.</p>	
F-2-3	40 CFR Part 61, Subpart M	61M-COVER	<p>Waste Disposal Site = Active waste disposal site for manufacturing, fabricating, demolition, renovation, and spraying operations, an asbestos mill, or operations that convert asbestos-containing waste material into nonasbestos (asbestos-free) material.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Control Method = The facility is not using an EPA approved alternative control method or no such alternate has been requested.</p> <p>Emissions Compliance = Asbestos containing waste covered with at least 15 centimeters (6 inches) of compacted nonasbestos containing material.</p>	
F-2-3	40 CFR Part 61, Subpart M	61M-RESIN	<p>Waste Disposal Site = Active waste disposal site for manufacturing, fabricating, demolition, renovation, and spraying operations, an asbestos mill, or operations that convert asbestos-containing waste material into nonasbestos (asbestos-free) material.</p> <p>Alternate Control Method = The facility is not using an EPA approved alternative control method or no such alternate has been requested.</p> <p>Emissions Compliance = A resinous or petroleum-based dust suppression agent that effectively binds dust and controls wind erosion.</p>	
3.6KILN	40 CFR Part 61, Subpart E	61E-1	<p>Emission Test Waiver = A waiver of emission testing was not obtained under 40 CFR § 61.13.</p> <p>Sludge Sampling = Stack sampling is conducted.</p> <p>Mercury Emissions = Mercury emissions exceed 1,600 grams per 24-hour period.</p>	
4.4KILN	40 CFR Part 61, Subpart E	61E-1	<p>Emission Test Waiver = A waiver of emission testing was not obtained under 40 CFR § 61.13.</p> <p>Sludge Sampling = Stack sampling is conducted.</p> <p>Mercury Emissions = Mercury emissions exceed 1,600 grams per 24-hour period.</p>	
RRKILN	40 CFR Part 61, Subpart E	61E-1	<p>Emission Test Waiver = A waiver of emission testing was not obtained under 40 CFR § 61.13.</p> <p>Sludge Sampling = Stack sampling is conducted.</p> <p>Mercury Emissions = Mercury emissions exceed 1,600 grams per 24-hour period.</p>	
TS-3.6BULK	40 CFR Part 63, Subpart DD	63DD-I	<p>HAP Destruction = The vapor incinerator, boiler or process heater is designed and operated to destroy the HAPs listed in Table 1 contained in the vent stream entering the device.</p> <p>No Detectable Organic Emissions = The stream is conveyed by a closed-vent system that is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is complying with 40 CFR Part 63, Subpart DD.</p> <p>Control Device = Thermal vapor incinerator.</p> <p>HAP &lt; 1 Mg per Year = The transfer system is not selected for exemption or does not qualify for exemption under the total annual quantity of HAP (&lt;1 Mg/year) exemption of § 63.683(b)(2)(ii).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures the concentration level of organic compounds in the exhaust vent stream from the control device is using an organic monitoring device equipped with a continuous recorder.</p> <p>Numerical Concentration Limits = The transfer system is not exempt under the numerical concentration limits of 40 CFR Part 268, Land Disposal Restrictions.</p> <p>95% HAP Destruction = The combustion device is designed and operated to destroy HAP by greater than or equal to 95 percent on a total weight basis.</p> <p>Design Analysis = Control device design analysis is used to demonstrate control device performance.</p> <p>Treated Organic Hazardous Constituents = The organic hazardous constituents are treated according to 40 CFR Part 63, Subpart DD.</p> <p>Air Emission Controls = The volatile organic hazardous air pollutant concentration has not been determined to be less than 500 ppmw and air emissions are controlled in accordance with the standards in 40 CFR § 63.689.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Alternate Operating Parameters = Alternate operating parameters are not requested or have not been approve by the EPA Administrator.</p> <p>Covers Used = The transfer system uses covers in accordance to 40 CFR § 63.689(d) to control air emissions.</p> <p>Continuous Hard Piping = The transfer system is enclosed and vented to a control device.</p> <p>Bypass Device = The closed vent system routing to the control device does not include bypass devices that could be used to divert the gas or vapor stream to the atmosphere before entering the control device.</p>	
TS-3.6BULK	40 CFR Part 63, Subpart DD	63DD-II	<p>HAP Destruction = The vapor incinerator, boiler or process heater is designed and operated to destroy the HAPs listed in Table 1contained in the vent stream entering the device.</p> <p>No Detectable Organic Emissions = The stream is conveyed by a closed-vent system that is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is complying with 40 CFR Part 63, Subpart DD.</p> <p>Control Device = Thermal vapor incinerator.</p> <p>HAP &lt; 1 Mg per Year = The transfer system is not selected for exemption or does not qualify for exemption under the total annual quantity of HAP (&lt;1 Mg/year) exemption of § 63.683(b)(2)(ii).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures the concentration level of organic compounds in the exhaust vent stream from the control device is using an organic monitoring device equipped with a continuous recorder.</p> <p>Numerical Concentration Limits = The transfer system is not exempt under the numerical concentration limits of 40 CFR Part 268, Land Disposal Restrictions.</p> <p>95% HAP Destruction = The combustion device is designed and operated to destroy HAP by greater than or equal to 95 percent on a total weight basis.</p> <p>Design Analysis = Control device design analysis is used to demonstrate control device performance.</p> <p>Treated Organic Hazardous Constituents = The organic hazardous constituents are treated according to 40 CFR Part 63, Subpart DD.</p> <p>Air Emission Controls = The volatile organic hazardous air pollutant concentration has not been determined to be less than 500 ppmw and air emissions are controlled in accordance with the standards in 40 CFR § 63.689.</p> <p>Alternate Operating Parameters = Alternate operating parameters are not requested or have not been approve by the EPA Administrator.</p> <p>Covers Used = The transfer system uses covers in accordance to 40 CFR § 63.689(d) to control air emissions.</p> <p>Continuous Hard Piping = The transfer system is enclosed and vented to a control device.</p> <p>Bypass Device = The closed vent system routing to the control device does not include bypass devices that could be used to divert the gas or vapor stream to the atmosphere before entering the control device.</p>	
TS-MIXBLDG	40 CFR Part 63, Subpart DD	63DD-E	<p>No Detectable Organic Emissions = The stream is conveyed by a closed-vent system that is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is complying with 40 CFR Part 63, Subpart DD.</p> <p>Control Device = Carbon adsorber.</p> <p>HAP &lt; 1 Mg per Year = The transfer system is not selected for exemption or does not qualify for exemption under the total annual quantity of HAP (&lt;1 Mg/year) exemption of § 63.683(b)(2)(ii).</p> <p>Numerical Concentration Limits = The transfer system is not exempt under the numerical concentration limits of 40 CFR Part 268, Land Disposal Restrictions.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Design Analysis = Control device design analysis is used to demonstrate control device performance.</p> <p>Treated Organic Hazardous Constituents = The organic hazardous constituents are treated according to 40 CFR Part 63, Subpart DD.</p> <p>Air Emission Controls = The volatile organic hazardous air pollutant concentration has not been determined to be less than 500 ppmw and air emissions are controlled in accordance with the standards in 40 CFR § 63.689.</p> <p>Alternate Operating Parameters = Alternate operating parameters are not requested or have not been approved by the EPA Administrator.</p> <p>Covers Used = The transfer system uses covers in accordance to 40 CFR § 63.689(d) to control air emissions.</p> <p>HAP Recovery = The carbon adsorber or condenser is designed and operated to recover greater than or equal to 95 percent, on a weight-basis, of the total HAPs listed in Table 1 contained in the vent stream entering the device.</p> <p>Regenerable Carbon Adsorber = The carbon absorption system is nonregenerable.</p> <p>Complying with § 63.693(d)(4)(iii) = Complying with the carbon replacement criteria of § 63.693(d)(4)(iii).</p>	
TS-MIXBLDG	40 CFR Part 63, Subpart DD	63DD-I	<p>HAP Destruction = The vapor incinerator, boiler or process heater is designed and operated to destroy the HAPs listed in Table 1 contained in the vent stream entering the device.</p> <p>No Detectable Organic Emissions = The stream is conveyed by a closed-vent system that is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is complying with 40 CFR Part 63, Subpart DD.</p> <p>Control Device = Thermal vapor incinerator.</p> <p>HAP &lt; 1 Mg per Year = The transfer system is not selected for exemption or does not qualify for exemption under the total annual quantity of HAP (&lt;1 Mg/year) exemption of § 63.683(b)(2)(ii).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures the concentration level of organic compounds in the exhaust vent stream from the control device is using an organic monitoring device equipped with a continuous recorder.</p> <p>Numerical Concentration Limits = The transfer system is not exempt under the numerical concentration limits of 40 CFR Part 268, Land Disposal Restrictions.</p> <p>95% HAP Destruction = The combustion device is designed and operated to destroy HAP by greater than or equal to 95 percent on a total weight basis.</p> <p>Design Analysis = Control device design analysis is used to demonstrate control device performance.</p> <p>Treated Organic Hazardous Constituents = The organic hazardous constituents are treated according to 40 CFR Part 63, Subpart DD.</p> <p>Air Emission Controls = The volatile organic hazardous air pollutant concentration has not been determined to be less than 500 ppmw and air emissions are controlled in accordance with the standards in 40 CFR § 63.689.</p> <p>Alternate Operating Parameters = Alternate operating parameters are not requested or have not been approved by the EPA Administrator.</p> <p>Covers Used = The transfer system uses covers in accordance to 40 CFR § 63.689(d) to control air emissions.</p>	
TS-MIXBLDG	40 CFR Part 63, Subpart DD	63DD-II	<p>HAP Destruction = The vapor incinerator, boiler or process heater is designed and operated to destroy the HAPs listed in Table 1 contained in the vent stream entering the device.</p> <p>No Detectable Organic Emissions = The stream is conveyed by a closed-vent system that is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k).</p> <p>Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is complying with 40 CFR Part 63, Subpart DD.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Control Device = Thermal vapor incinerator.</p> <p>HAP &lt; 1 Mg per Year = The transfer system is not selected for exemption or does not qualify for exemption under the total annual quantity of HAP (&lt;1 Mg/year) exemption of § 63.683(b)(2)(ii).</p> <p>Organic Monitoring Device = A continuous monitoring system that measures the concentration level of organic compounds in the exhaust vent stream from the control device is using an organic monitoring device equipped with a continuous recorder.</p> <p>Numerical Concentration Limits = The transfer system is not exempt under the numerical concentration limits of 40 CFR Part 268, Land Disposal Restrictions.</p> <p>95% HAP Destruction = The combustion device is designed and operated to destroy HAP by greater than or equal to 95 percent on a total weight basis.</p> <p>Design Analysis = Control device design analysis is used to demonstrate control device performance.</p> <p>Treated Organic Hazardous Constituents = The organic hazardous constituents are treated according to 40 CFR Part 63, Subpart DD.</p> <p>Air Emission Controls = The volatile organic hazardous air pollutant concentration has not been determined to be less than 500 ppmw and air emissions are controlled in accordance with the standards in 40 CFR § 63.689.</p> <p>Alternate Operating Parameters = Alternate operating parameters are not requested or have not been approved by the EPA Administrator.</p> <p>Covers Used = The transfer system uses covers in accordance to 40 CFR § 63.689(d) to control air emissions.</p>	
TS-PIPE	40 CFR Part 63, Subpart DD	63DD	<p>Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is complying with 40 CFR Part 63, Subpart DD.</p> <p>HAP &lt; 1 Mg per Year = The transfer system is not selected for exemption or does not qualify for exemption under the total annual quantity of HAP (&lt;1 Mg/year) exemption of § 63.683(b)(2)(ii).</p> <p>Numerical Concentration Limits = The transfer system is not exempt under the numerical concentration limits of 40 CFR Part 268, Land Disposal Restrictions.</p> <p>Treated Organic Hazardous Constituents = The organic hazardous constituents are treated according to 40 CFR Part 63, Subpart DD.</p> <p>Air Emission Controls = The volatile organic hazardous air pollutant concentration has not been determined to be less than 500 ppmw and air emissions are controlled in accordance with the standards in 40 CFR § 63.689.</p> <p>Covers Used = The transfer system does not use covers in accordance to 40 CFR § 63.689(d) to control air emissions.</p> <p>Continuous Hard Piping = The transfer system consists of continuous hard piping.</p>	
TS-RRKILN	40 CFR Part 63, Subpart DD	63DD-II	<p>Subject to Another Subpart of 40 CFR Parts 61 or 63 = The transfer system is also subject to another subpart under 40 CFR Part 61 or Part 63, and the hazardous air pollutants listed in Table 1 of 40 CFR Part 63, Subpart DD are controlled pursuant to compliance with the other subpart.</p>	
PRO3.6KILN	40 CFR Part 61, Subpart FF	61FF-3.6	<p>AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used.</p> <p>Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e).</p> <p>Openings = The treatment process or wastewater treatment system unit has openings.</p> <p>Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system.</p> <p>Benzene Removal = Benzene is destroyed in the waste stream by incinerating in a combustion unit with a destruction efficiency of 99% or greater for benzene.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Less Than Atmospheric = A cover and closed-vent system are operated such that the treatment process or wastewater system unit is maintained at less than atmospheric pressure and complying with 40 CFR § 61.348(e)(3)(i) - (iii).</p> <p>Closed-Vent System and Control Device = A closed-vent system and control device is not used.</p> <p>Process Or Stream Exemption = The treatment process or waste stream is complying with 40 CFR §61.348(d).</p> <p>AMOC = No alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.349 for a closed-vent system and control device is used.</p>	
PRO4.4KILN	40 CFR Part 61, Subpart FF	61FF-4.4	<p>AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used.</p> <p>Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e).</p> <p>Openings = The treatment process or wastewater treatment system unit has openings.</p> <p>Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system.</p> <p>Benzene Removal = Benzene is destroyed in the waste stream by incinerating in a combustion unit with a destruction efficiency of 99% or greater for benzene.</p> <p>Less Than Atmospheric = A cover and closed-vent system are operated such that the treatment process or wastewater system unit is maintained at less than atmospheric pressure and complying with 40 CFR § 61.348(e)(3)(i) - (iii).</p> <p>Closed-Vent System and Control Device = A closed-vent system and control device is not used.</p> <p>Process Or Stream Exemption = The treatment process or waste stream is complying with 40 CFR §61.348(d).</p> <p>AMOC = No alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.349 for a closed-vent system and control device is used.</p>	
PRORRKILN	40 CFR Part 61, Subpart FF	61FF-RR	<p>AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used.</p> <p>Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e).</p> <p>Openings = The treatment process or wastewater treatment system unit has openings.</p> <p>Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system.</p> <p>Benzene Removal = Benzene is destroyed in the waste stream by incinerating in a combustion unit with a destruction efficiency of 99% or greater for benzene.</p> <p>Less Than Atmospheric = A cover and closed-vent system are operated such that the treatment process or wastewater system unit is maintained at less than atmospheric pressure and complying with 40 CFR § 61.348(e)(3)(i) - (iii).</p> <p>Closed-Vent System and Control Device = A closed-vent system and control device is not used.</p> <p>Process Or Stream Exemption = The treatment process or waste stream is complying with 40 CFR §61.348(d).</p> <p>AMOC = No alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.349 for a closed-vent system and control device is used.</p>	
PROTRAINI	40 CFR Part 61, Subpart FF	61FF-I	<p>AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used.</p> <p>By-Pass Line = The closed-vent system does not contain a by-pass line that could divert the vent stream away from the control device.</p> <p>Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e).</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760 degrees C.</p> <p>Openings = The treatment process or wastewater treatment system unit has openings.</p> <p>Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system.</p> <p>Benzene Removal = Benzene is destroyed in the waste stream by incinerating in a combustion unit with a destruction efficiency of 99% or greater for benzene.</p> <p>Engineering Calculations = Performance tests are used show that the control device achieves its emission limitation.</p> <p>Less Than Atmospheric = A cover and closed-vent system are operated such that the treatment process or wastewater system unit is maintained at ambient atmospheric pressure.</p> <p>Closed-Vent System and Control Device = A closed-vent system and control device is used.</p> <p>Process Or Stream Exemption = The treatment process or waste stream is complying with 40 CFR §61.348(d).</p> <p>AMOC = No alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.349 for a closed-vent system and control device is used.</p>	
PROTRAINI	40 CFR Part 63, Subpart DD	63DD-I	Removal or Destruction Method = Incinerator.	
PROTRAINI	40 CFR Part 63, Subpart G	63G-I	<p>Series of Processes = The wastewater stream is treated using a single treatment process.</p> <p>Biological Treatment Process = Non-biological treatment process.</p> <p>Wastewater Stream Designation = Group1 for both Table 8 and Table 9 compounds.</p> <p>Wastewater Stream Treatment = Resource Conservation and Recovery Act (RCRA) unit option.</p>	
PROTRAINII	40 CFR Part 61, Subpart FF	61FF-II	<p>AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used.</p> <p>By-Pass Line = The closed-vent system does not contain a by-pass line that could divert the vent stream away from the control device.</p> <p>Complying with § 61.342(e) = The facility is not complying with 40 CFR § 61.342(e).</p> <p>Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760 degrees C.</p> <p>Openings = The treatment process or wastewater treatment system unit has openings.</p> <p>Stream Combination = The process wastewater, product tank drawdown, or landfill leachate is not combined with other waste streams for the purpose of facilitating management or treatment in the wastewater treatment system.</p> <p>Benzene Removal = Benzene is destroyed in the waste stream by incinerating in a combustion unit with a destruction efficiency of 99% or greater for benzene.</p> <p>Engineering Calculations = Performance tests are used show that the control device achieves its emission limitation.</p> <p>Less Than Atmospheric = A cover and closed-vent system are operated such that the treatment process or wastewater system unit is maintained at ambient atmospheric pressure.</p> <p>Closed-Vent System and Control Device = A closed-vent system and control device is used.</p> <p>Process Or Stream Exemption = The treatment process or waste stream is complying with 40 CFR §61.348(d).</p> <p>AMOC = No alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.349 for a closed-vent system and control device is used.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
PROTRAINII	40 CFR Part 63, Subpart DD	63DD-II	Removal or Destruction Method = Incinerator.	
PROTRAINII	40 CFR Part 63, Subpart G	63G-II	Series of Processes = The wastewater stream is treated using a single treatment process. Biological Treatment Process = Non-biological treatment process. Wastewater Stream Designation = Group1 for both Table 8 and Table 9 compounds. Wastewater Stream Treatment = Resource Conservation and Recovery Act (RCRA) unit option.	

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

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

## NSR Versus Title V FOP

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

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

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

## New Source Review Requirements

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

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

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

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

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

The status of air permits and applications and a link to the Air Permits Remote Document Server is located at the following Web site:

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

<b>Nonattainment (NA) Permits</b>	
NA Permit No.: N001	Issuance Date: 04/06/2011
<b>Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.</b>	
Authorization No.: 5064	Issuance Date: 04/06/2011
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 106.261	Version No./Date: 12/24/1998
Number: 106.262	Version No./Date: 12/24/1998
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.475	Version No./Date: 09/04/2000
Number: 8	Version No./Date: 09/12/1989
Number: 61	Version No./Date: 08/30/1988
Number: 78	Version No./Date: 11/05/1986
Number: 91	Version No./Date: 06/07/1996
Number: 121	Version No./Date: 08/30/1988

## Emission Units and Emission Points

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

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

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

### **Monitoring Sufficiency**

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

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

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

#### **Periodic Monitoring:**

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

<b>Unit/Group/Process Information</b>	
ID No.: BULKVENT-1	
Control Device ID No.: E-2	Control Device Type: Carbon Adsorption System (Non-Regenerative)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-E
Pollutant: VOC	Main Standard: § 115.121(a)(1)
<b>Monitoring Information</b>	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
<p>Basis of monitoring:  A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-E2B
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
<b>Monitoring Information</b>	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
<p>Basis of monitoring:  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>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-E2B
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
<p>Basis of monitoring:  It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: E-2	Control Device Type: Carbon Adsorption System (Non-Regenerative)
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-E2B
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
<b>Monitoring Information</b>	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
<p>Basis of monitoring:</p> <p>A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IB
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
<b>Monitoring Information</b>	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
<p><b>Basis of monitoring:</b>  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>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IB
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
<p>Basis of monitoring:  It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 6oKB-WASTE-IB
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
<p>Basis of monitoring:  It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for 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>	

\*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.

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IIB
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
<b>Monitoring Information</b>	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
<p>Basis of monitoring:  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>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IIB
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
<p>Basis of monitoring:  It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 6oKB-WASTE-IIB
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
<p>Basis of monitoring:  It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for 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>	

\*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.

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-E2C
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
<b>Monitoring Information</b>	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
<p>Basis of monitoring:  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>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-E2C
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
<p>Basis of monitoring:  It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: E-2	Control Device Type: Carbon Adsorption System (Non-Regenerative)
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-E2C
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
<b>Monitoring Information</b>	
Indicator: VOC Concentration	
Minimum Frequency: Once each 12-hr interval of intermittent service and once each 24-hr interval of continuous service.	
Averaging Period: n/a	
Deviation Limit: Breakthrough shall be considered to have occurred in any CBA system when monitoring indicates a concentration of 100 ppm or greater of total hydrocarbons present in the vent stream from the first carbon bed.	
<p>Basis of monitoring:</p> <p>A common way to monitor a non-regenerative carbon adsorption system is by measuring the outlet VOC concentration with a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. An increase in VOC concentration demonstrates when the carbon canister needs to be replaced. This indicator is consistent with the EPA "CAM Technical Guidance Document" (August 1998) and "Periodic Monitoring Technical Reference Guidance Document" (April 1999). Outlet VOC concentration has been used as an indicator of VOC emissions in many federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; and 30 TAC Chapter 115.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IC
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
<b>Monitoring Information</b>	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
<p>Basis of monitoring:  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>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IC
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
<p>Basis of monitoring:  It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IC
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
<p><b>Basis of monitoring:</b>  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>	

\*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.

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IIC
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
<b>Monitoring Information</b>	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
<p>Basis of monitoring:  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>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-WASTE-IIC
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: A deviation occurs if the required monitoring is not conducted or leaks are not repaired.	
<p>Basis of monitoring:  It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPKBTK	
Control Device ID No.: TRAINIABC	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 6oKB-WASTE-IIC
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
<b>Monitoring Information</b>	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: Monitoring data below 1400°F during periods when the incinerators are receiving waste streams.	
<p>Basis of monitoring:  It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for 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>	

## 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