**AIR QUALITY BUREAU**

**NEW SOURCE REVIEW STREAMLINE PERMIT**

**Issued under 20.2.72 NMAC**

Certified Mail No: xxxx xxxx xxxx xxxx

Return Receipt Requested

**NSR Permit No:** xxx-xx

**Facility Name:** XYZ

**Facility Owner/Operator:** [If different from Permittee Name]

**Permittee Name:** Permittee Name

**Mailing Address:** Address

 City, State Zip Code

**TEMPO/IDEA ID No:** XXX-PRNXXXXXXXXXXX

**AIRS No:** 35 XXXXXXXXXX

**Permitting Action:** Streamline, Level 1

Source Category: [Minor, Synthetic Minor]

**Facility Location:** XXX,XXXm E by X,XXX,XXXm N, Zone **12** or **13** **Datum [WGS84, NAD27, or NAD83]** ORPortable

**County:** County [Delete line if Portable]

**Air Quality Bureau Contact** Permit Writer

**Main AQB Phone No.** (505) 476-4300

**Liz Bisbey-Kuehn Date**

**Bureau Chief**

**Air Quality Bureau**

[Delete all below at time final permit submitted for signature.]

Save Date: March 31, 2016

Print Date: 7/29/2015 7:45:00 AM

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**PART B GENERAL CONDITIONS (Attached)**

**PART C MISCELLANEOUS: Supporting On-Line Documents; Definitions; Acronyms (Attached)**

Part A FACILITY SPECIFIC REQUIREMENTS

* 1. Introduction
1. [If this permit is a modification use this language]This permit, NSR xxxMx,supersedes all portions of Air Quality Permit xxx, issued date, except the portion requiring compliance tests. Compliance test conditions from previous permits, if not completed, are still in effect, in addition to compliance test requirements contained in this permit [For new permit use this.] This is a new permit.

 [Delete this note: REMEMBER THAT CONSTRUCTION, MODIFICATION, REVISION AND OPERATING CONDITIONS IN THIS PERMIT MUST BE PRACTICALLY ENFORCEABLE USUALLY WITH SOME KIND OF MONITORING, RECORDKEEPING, AND REPORTING. BE SURE TO SPECIFY THE FREQUENCY OF THESE REQUIREMENTS.]

[Delete this note: TO EASILY IDENTIFY NUMERIC CITATIONS FROM ONE CONDITION TO ANOTHER CONDITION, PLEASE CHANGE THE TEXT COLOR TO “BLUE” OF ANY TABLE, CONDITION, OR UNIT NUMBER CITATION WITHIN THE FINAL PERMIT SO THE CITATION IS HIGHLIGHTED FOR FUTURE PERMIT MODIFICATIONS BUT DOES NOT SHOW UP IN THE PRINTED DOCUMENT]

* 1. Permit Duration (expiration)
1. The term of this permit is permanent unless withdrawn or cancelled by the Department.
	1. Facility: Description
2. The function of the facility is to [**Description]. [Give a brief description of the purpose of the plant and equipment; i.e. transport natural gas through underground natural gas pipelines using reciprocating, natural gas fired compressor engines / turbines**.]
3. **[Delete one of the following]** This facility is located approximately XX miles DIRECTIONof CITY, New Mexico. **OR** This is a portable permit.
4. This facility qualified for a streamline permit under 20.2.72.301.D.1 NMAC. The Department has reviewed the permit application for the proposed facility and, based on the application and the conditions of this permit, has determined that the provisions of the Act, 20.2.72 NMAC, and ambient air quality standards will be met.
5. Table 102.A and Table 102.B show the total potential emission rates (PER) from this facility for information only. This is not an enforceable condition and excludes insignificant or trivial activities.

**Table 102.A:** **Total Potential Emission Rates (PER) from Entire Facility**

| **Pollutant** (LIST ALL POLLUTANTS IN THIS ORDER) | **Emissions (tons per year)** |
| --- | --- |
| Nitrogen Oxides (NOx) | XXXX |
| Carbon Monoxide (CO) | XX.X |
| Volatile Organic Compounds (VOC) \* | XX.X |
| Sulfur Dioxide (SO2) | X.0 |
| Particulate Matter less than 10 microns (PM10) |  |
| Particulate Matter less than 2.5 microns (PM2.5) |  |
| Hydrogen Sulfide (H2S) | XX.0 |
| Lead |  |

\* VOC total includes emissions from Fugitives, SSM and Malfunctions [edit as necessary]

**Table 102.B:** **Total Potential Emission Rates (PER) for HAPS that exceed 1.0 tons per year**

|  |  |
| --- | --- |
| **Pollutant** (LIST ALL POLLUTANTS ALPHABETICALLY) | **Emissions** **(tons per year)** |
| Acetaldehyde | XX.X |
| Benzene | X.X |
| Formaldehyde | X.X |
| n-hexane | X.X |
| Total HAPs\*\* |  |

\* HAP emissions are already included in the VOC emission total.

\*\* The total HAP emissions may not agree with the sum of individual HAPs because only individual HAPs greater than 1.0 tons per year are listed here.

* 1. Facility: Applicable Regulations
1. The permittee shall comply with all applicable sections of the requirements listed in Table 103.A.

[delete this link to the [NMAC's](http://www.nmcpr.state.nm.us/nmac/_title20/T20C002.htm) when finished]

[Here is an example of how Table 103.A should be presented. There may be other requirements than those listed here. Organize in numerical order, showing NMAC first with CFRs following at bottom.]

Table 103.A: Applicable Requirements

| **Applicable Requirements** | **Federally****Enforceable** | **Unit****No.** |
| --- | --- | --- |
| 20.2.1 NMAC General Provisions | X |  |
| 20.2.3 NMAC Ambient Air Quality Standards | X |  |
| 20.2.7 NMAC Excess Emissions  | X |  |
| 20.2.38 NMAC Hydrocarbon Storage Facilities |  |  |
| 20.2.61 NMAC Smoke and Visible Emissions | X |  |
| 20.2.72 NMAC Construction Permit | X |  |
| 20.2.73 NMAC Notice of Intent and Emissions Inventory Requirements | X |  |
| 20.2.75 NMAC Construction Permit Fees | X |  |
| 20.2.77 NMAC New Source Performance | X |  |
| 20.2.82 NMAC MACT Standards for Source Categories of HAPS | X |  |
| 40 CFR 50 National Ambient Air Quality Standards | X |  |
| 40 CFR 60, Subpart A, General Provisions | X |  |
| 40 CFR 60, Subpart Kb | X |  |
| 40 CFR 60, Subpart IIII | X |  |
| 40 CFR 60, Subpart JJJJ | X |  |
| 40 CFR 60, Subpart OOOO | X |  |
| 40 CFR 63, Subpart A, General Provisions | X |  |
| 40 CFR 63, Subpart HH | X |  |
| 40 CFR 63, Subpart ZZZZ | X |  |

* 1. Facility: Regulated Sources
1. Table 104 lists all of the emission units authorized for this facility or equipment package.

Table 104: Regulated Sources List

| **Unit No.** | **Source Description** | **Make****Model** | **Serial No.** | **Maximum Capacity/ Permitted Capacity** | **Manufacture Date** | **Other** |
| --- | --- | --- | --- | --- | --- | --- |
|  | RICE |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

1. All TBD (to be determined) units and like-kind engine replacements must be evaluated for applicability to NSPS and NESHAP requirements.

* 1. Facility: Control Equipment
1. Table 105 lists all the pollution control equipment required for this facility. Each emission point is identified by the same number that was assigned to it in the permit application.

OR The facility has no control equipment.

[Identify all control equipment and the controlled units numbers in Table 105.]

Table 105: Control Equipment List:

| **Unit No.** | **Initial Testing (Y/N)** | **Quarterly Testing (Y/N)** | **Type of Control Equipment** | **Add on AFR (Y/N)** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

[\*Note on Engine Tests: If the engine is <180 HP, we do not require initial testing. We do require quarterly testing if equipped with a control device. See IC engine monitoring protocol for additional guidance [Z:\NSR-TV-Common\Monitoring Protocols\Engines](file:///Z%3A/NSR-TV-Common/Monitoring%20Protocols/Engines).]

OR The facility has no control equipment.

* 1. Facility: Allowable Emissions
1. The following table(s) list the emission units and their allowable emission limits. (40 CFR 50, 40 CFR 60, Subparts A and XYZ, 20.2.72.300-399 NMAC).

[List and describe all the emissions limits that apply to this unit or set of units. Repeat as necessary for all required emissions units. An example table is shown below.

Impose limits for units that have controls for a particular pollutant even if emissions are < 1.0 pph or < 1.0 tpy.

Do not impose limits for uncontrolled units if emissions are < 1.0 pph or < 1.0 tpy.

If emissions for all units for a particular pollutant are uncontrolled and < 1.0 pph and < 1.0 tpy, delete the pollutant columns (both pph and tpy).]

[**Do not include VOC Fugitives as an allowable limit unless the permittee specifically requests a limit and there is a condition for leak detection and repair per the VOC/HAP Fugitives Monitoring Protocol or a Department approved enforceable condition to demonstrate compliance with a limit on Fugitives.]**

Table 106.A: Allowable Emissions [LIST POLLUTANTS IN THIS ORDER]

| **Unit No.** | **NOx1 pph** | **NOx1tpy** | **CO pph** | **CO tpy** | **VOC pph** | **VOC tpy** | **SO2 pph** | **SO2 tpy** | **PM10 pph** | **PM10 tpy** | **PM2.5 pph** | **PM2.5 tpy** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 |  |  | - 2 |  | < 3 |  | \*5 |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |  |  |

1 Nitrogen dioxide emissions include all oxides of nitrogen expressed as NO2

2 “-” indicates the application represented emissions of this pollutant are not expected.

3 “<” indicates the application represented uncontrolled emissions are less than 1.0 pph or 1.0 tpy for this pollutant. Allowable limits are not imposed on this level of emissions, except for flares and pollutants with controls.

4 Total allowables are for information and are not enforceable conditions.

5 “\*” indicates hourly emission limits are not appropriate for this operating situation.

6. To report excess emissions for sources with no pound per hour and/or ton per year emission limits, see condition B106E.

* 1. Facility: Allowable Startup, Shutdown, & Maintenance (SSM) [and Malfunction Emissions]
1. Separate allowable SSM emission limits are not required for this facility since the SSM emissions are predicted to be less than the limits established in Table 106A. The permittee shall maintain records in accordance with Condition B105.F.

**OR**

[use this language in place of condition A107.A above if SSM emissions from blowdown or pigging are reported as less than 1 tpy] Allowable emission limits for routine or predictable SSM emissions are not imposed at this time. The permittee certified that routine or predictable SSM emissions are less than 1 ton per year. The permittee shall notify the Department in accordance with Condition B106.A(5), if there is a change to the regulatory status of any routine or predictable SSM emissions from the facility. The permittee shall maintain records in accordance with Condition B105.F.

OR

Conditions below are for Compressor Blowdowns and must be modified for other SSM events.

1. The maximum allowable SSM [and Malfunction] emission limits for this facility are listed in Table 107.A and were relied upon by the Department to determine compliance with applicable regulations.

| **Table 107.A**: **Allowable SSM** [and Malfunction] Units, Activities, and Emission Limits |
| --- |
| **Unit No.** | **Description** | **VOC** **(tpy)** | **H2S** **(pph)** | **H2S****(tpy)** |
| SSM from [insert unit numbers] | 1Compressor & Associated Piping Blowdowns [or unit/type activity] during Routine and Predictable Startup, Shutdown, and/or Maintenance (SSM) | X | X | X |
| M | 1Venting of Gas Due to Malfunction | X | X | X |
| OR [delete un-needed rows]SSM/M | 1Venting of Gas Due to SSM and Malfunction | X | X | X |

1. This authorization does not include VOC combustion emissions.

“<” indicates the application represented that uncontrolled venting, blowdown, or pigging emissions of H2S are less than 0.1 pph or 0.44 tpy. Allowable limits, monitoring, and recordkeeping are not required on this level of H2S venting, blowdown, or pigging emissions. [delete this < sign footnote if for some reason you need to add H2S limits less than 0.1 pph or 0.44 tpy]

2. To report excess emissions for sources with no pound per hour and/or ton per year emission limits, see condition B106E

[**Delete this explanation for the < sign**:

Modeling can be waived if total facility emissions or increase for a point source are < 0.1 pph and for a fugitive source is < 0.01 pph. Venting is a point source (stack).

0.44 tpy comes from: (0.1 lb/hr) x (1ton/2000lbs) x (8760hrs/yr)= 0.438 tpy

If the permit needs a numerical H2S emission limit to avoid an applicability threshold do not use the < sign but put in a numerical emission limit with monitoring and records. Avoiding applicability threshold means to avoid a PSD, nonattainment, or some other regulatory requirement which can be done with a federally enforceable emission limit. If an applicant netted out of PSD for H2S it must have a permit limit with federally enforceable condition or the net reduction may not be “creditable”.]

1. The authorization of emission limits for startup, shutdown, maintenance, and malfunction does not supersede the requirements to minimize emissions according to General Conditions B101.F and G.
2. SSM Emissions **[for venting of gas, add other pollutants, such as H2S and/or HAPs as required**]

|  |
| --- |
| **Requirement:** The permittee shall perform a facility inlet gas analysis once every year [or more frequently for variable gas] and complete the following recordkeeping to demonstrate compliance with routine and predictable startup, shutdown, and maintenance (SSM) emission limits in Table 107.A. |
| **Monitoring:** The permittee shall monitor the permitted routine and predictable startups and shutdowns and scheduled maintenance events. |
| **Recordkeeping:** To demonstrate compliance, each month records shall be kept of the cumulative total of VOC emissions during the first 12 months and, thereafter of the monthly rolling 12 month total VOC emissions. Records shall also be kept of the inlet gas analysis, the percent VOC of the gas based on the most recent gas analysis**[or for only commercial pipeline gas that does not vary using the number of   events and associated volume of each event]**, and of the volume of total gas vented in MMscf used to calculate the VOC emissions.The permittee shall record the demonstrated compliance in accordance with Condition B105, except the requirement in B105.F to record the start and end times of SSM events shall not apply to the venting of known quantities of VOC. **[Exemption to record start & end times applies only to venting of fixed quantities of VOCs. Other SSM, e.g. flaring, must record start and end times.]** |
| **Reporting:** The permittee shall report in accordance with Section B106. |

1. Malfunction Emissions [for venting of gas, add other pollutants as required e.g. H2S and/or HAPs]

|  |
| --- |
| **Requirement:** The permittee shall perform a facility inlet gas analysis once every year [or more frequent for variable gas] and complete the following recordkeeping to demonstrate compliance with malfunction (M) emission limits in Table 107.A. |
| **Monitoring:** The permittee shall monitor all malfunction events that result in VOC emissions including identification of the equipment or activity that is the source of emissions. |
| **Recordkeeping:** To demonstrate compliance, each month records shall be kept of the cumulative total of VOC emissions during the first 12 months and, thereafter of the monthly rolling 12 month total VOC emissions. Records shall also be kept of the inlet gas analysis, the percent VOC of the gas based on the most recent gas analysis, of the volume of total gas vented in MMscf used to calculate the VOC emissions, and whether the emissions resulting from the event will be used toward the permitted malfunction emission limit or whether the event is reported as excess emissions of the pound per hour limits in Table 106.A (or the pound per hour limits in condition B106E, if applicable) under 20.2.7 NMAC.The permittee shall record the demonstrated compliance in accordance with Condition B105, except the requirement in B105.F to record the start and end times of malfunction events shall not apply to the venting of known quantities of VOC. **[Exemption to record start & end times applies only to venting of fixed quantities of VOCs. Other SSM, e.g. flaring, must record start and end times.]**  |
| **Reporting:** The permittee shall report in accordance with Section B106. |

1. Combined SSM and Malfunction Emissions (VOCs)

**[delete these instructions: This is for venting or blowdown VOC/HAPs & uncontrolled H2S emissions less than 0.1 pph H2S only (facility wide point source H2S of less than 0.1 pph do not require modeling). Do not use this protocol for any other pollutants with ambient standards (e.g. flare emissions) except for H2S that is less than 0.1 pph contained in the gas vented and subject to this condition. Not having to determine the cause of the event and differentiating between SSM and Malfunctions applies only to combined SSM/M 10 tpy emission limit, and cannot be waived for separate SSM or Malfunction limits, or for excess emissions reports when the limit is exceeded.]**

|  |
| --- |
| **Requirement:** * + - 1. **Compliance Method**

The permittee shall perform a facility inlet gas analysis once every year **[delete this instruction: or more frequent if gas is highly variable or if source is close to applicability cutoff]** On a monthly basis, the permittee shall complete the following monitoring and recordkeeping to demonstrate compliance with the allowable emission limits in Table 107.A for routine or predictable startup, shutdown, and maintenance (SSM); and/or malfunctions (M) herein referred to as SSM/M. * + - 1. **Emissions included in Permit Limit and/or Reported as Excess Emissions**
				1. All emissions due to routine or predictable startup, shutdown, and/or maintenance (SSM) must be included under and shall not exceed the 10 tpy SSM/M emission limit in this permit. For emissions due to malfunctions, the permittee has the option to report these as excess emissions of the pound per hour limits in Table 106.A (or the pound per hour limits in condition B106E, if applicable), in accordance with 20.2.7 NMAC, or include the emissions under the 10 tpy limit.
				2. Once emissions from a malfunction event are submitted in the final report (due no later than ten days after the end of the excess emissions event) per 20.2.7.110.A(2) NMAC, the event is considered an excess emission and cannot be applied toward the 10 tpy SSM/M limit in this permit.
			2. **Emissions Exceeding the Permit Limit**

If the monthly rolling 12-month total of SSM/M exceeds the 10 tpy emission limit, the permittee shall report the emissions as excess emissions in accordance with 20.2.7.110 NMAC.* + - 1. **Emissions Due to Preventable Events**

Emissions that are due entirely or in part to poor maintenance, careless operation, or any other preventable equipment breakdown shall not be included under the 10 tpy SSM/M emission limit. These emissions shall be reported as excess emissions of the pound per hour limits in Table 106.A (or the pound per hour limits in condition B106E, if applicable) in accordance with 20.2.7 NMAC. |
| **Monitoring:** The permittee shall monitor all SSM/M events.  |
| **Recordkeeping:** * + - 1. **Compliance Method**
				1. Each month records shall be kept of the cumulative total of all VOC emissions related to SSM/M during the first 12 months and, thereafter of the monthly rolling 12 month total of SSM/M VOC emissions. Any malfunction emissions that have been reported in a final excess emissions report per 20.2.7.110.A(2) NMAC, shall be excluded from this total.
				2. Records shall also be kept of the inlet gas analysis, the weight percent VOC of the gas based on the most recent gas analysis, and of the volume of total gas vented in MMscf used to calculate the VOC emissions.
				3. The permittee shall identify the equipment or activity and shall describe the event that is the source of emissions.
			2. **Emissions included Under Permit Limit or Reported as Excess Emissions**

The permittee shall record whether emissions are included under the 10 tpy permit limit for SSM/M or if the event is included in a final excess emissions report per 20.2.7.110.A(2) NMAC. * + - 1. **Condition B105 Records**

The permittee shall keep records in accordance with Condition B105 of this permit except for the following: * + - * 1. The requirement to record the start and end times of SSM/M events shall not apply to venting of known quantities of VOCs as long as the emissions do not exceed the SSM/M emission limit.
				2. The requirement to record a description of the cause of the event shall not apply to SSM/M events as long as the emissions do not exceed the SSM/M emission limit.
 |
| **Reporting:** The permittee shall report in accordance with Section B106. |

1. Combined SSM and Malfunction Emissions (VOCs & H2S)

**[delete these instructions: This is for venting or blowdown VOC/HAPs, and H2S emissions equal to or GREATER than 0.1 pph H2S WHICH REQUIRES MODELING or Modeling Waiver. Do not use this protocol for any other pollutants with ambient standards (e.g. flare emissions with SOx limits that are determined using total sulfur, not just H2S). Not having to determine the cause of the event and differentiating between SSM and Malfunctions applies only to combined SSM/M 10 tpy or pph emission limits, and cannot be waived for separate SSM or Malfunction limits, or for excess emissions reports when the limit is exceeded.]**

|  |
| --- |
| **Requirement:** * + - 1. **Compliance Method**

The permittee shall meet the following requirements to demonstrate compliance with the allowable emission limits in Table 107.A for routine or predictable startup, shutdown, and maintenance (SSM); and/or malfunctions (M) herein referred to as SSM/M.* + - * 1. Limit the H2S content of the vented gas to 0.XX grains per 100 standard cubic feet (gr/100 scf) of gas vented **[delete this instruction: change to H2S content to the amount that was used to calculate H2S emissions]**
				2. Perform a facility inlet gas analysis once every year **[delete this instruction: or more frequent if gas is highly variable or if source is close to applicability cutoff]** that measures the VOC and H2S content of the vented gas
				3. Complete the monitoring and recordkeeping required by this condition
			1. **Emissions included in Permit Limit and/or Reported as Excess Emissions**
				1. All emissions due to routine or predictable startup, shutdown, and/or maintenance (SSM) must be included under and shall not exceed the SSM/M emission limits in this permit. For emissions due to malfunctions, the permittee has the option to report these as excess emissions of the pound per hour limits in Table 106.A (or the pound per hour limits in condition B106E, if applicable), in accordance with 20.2.7 NMAC, or include the emissions under the 10 tpy limit.
				2. Once emissions from a malfunction event are submitted in the final report (due no later than ten days after the end of the excess emissions event) per 20.2.7.110.A(2) NMAC, the event is considered an excess emission and cannot be applied toward the SSM/M limits in this permit.
			2. **Emissions Exceeding the Permit Limit**

If the pound per hour (pph) SSM/M emissions and/or the ton per year (tpy) SSM/M emissions exceed the permitted emission limits, the permittee shall report the emissions as excess emissions in accordance with 20.2.7.110 NMAC.* + - 1. **Emissions Due to Preventable Events**

Emissions that are due entirely or in part to poor maintenance, careless operation, or any other preventable equipment breakdown shall not be included under the permitted SSM/M emission limits. These emissions shall be reported as excess emissions of the pound per hour limits in Table 106.A (or the pound per hour limits in condition B106E, if applicable) in accordance with 20.2.7 NMAC. |
| **Monitoring:** The permittee shall monitor all SSM/M events.  |
| **Recordkeeping:** * + - 1. **Compliance Method**
				1. Each month records shall be kept of the cumulative total of all VOC emissions related to SSM/M during the first 12 months and, thereafter of the monthly rolling 12 month total of SSM/M VOC emissions. Any malfunction emissions that have been reported in a final excess emissions report per 20.2.7.110.A(2) NMAC, shall be excluded from this tpy total.
				2. For each venting event that is at or exceeds the maximum volume of gas used to establish the H2S pph emission limit, the permittee shall calculate and record the maximum pph emission rate of H2S using the total volume of the gas that was vented in an hour and the H2S content of the gas based on the most recent gas analysis. A copy of the permit application calculations used to determine the maximum volume of gas used to establish the H2S pph emission limit and records of the venting event H2S calculations shall be kept.
				3. Records shall also be kept of the inlet gas analysis, the weight percent VOC of the gas based on the most recent gas analysis; the volume of total gas vented in MMscf used to calculate the VOC emissions; and the total grains of H2S/100 scf of gas based on the most recent gas analysis. Records of venting events, including the date and volume shall be made available upon request.
				4. The permittee shall identify the equipment or activity and shall describe the event that is the source of emissions.
			2. **Emissions included Under Permit Limit or Reported as Excess Emissions**

The permittee shall record whether emissions are included under the permitted limit SSM/M emission limits or if the event is included in a final excess emissions report per 20.2.7.110.A(2) NMAC. * + - 1. **Condition B105 Records**

The permittee shall keep records in accordance with Condition B105 of this permit except for the following: * + - * 1. The requirement to record the start and end times of SSM/M events shall not apply to venting of known quantities of VOCs and H2S as long as the emissions do not exceed the SSM/M emission limits.
				2. The requirement to record a description of the cause of the event shall not apply to SSM/M events as long as the emissions do not exceed the SSM/M emission limits.
 |
| **Reporting:** The permittee shall report in accordance with Section B106. |

* 1. Facility: Allowable Operations
1. **[For Portable Packages: Add a condition in this section that specifies the equipment that’s allowable in each package, such as]** This permit is a portable permit for **number** compressor package(s); a single compressor package shall consist of **describe**.The Permittee may install (only one engine(s) with one pump jack and one heater) at a location.  (At no time shall more than one engine be installed at each facility).

**[Delete if not portable]** Relocation forms may be attained by contacting the AQB or byaccessing the AQB website at the following link: <https://www.env.nm.gov/air-quality/universal-application-2/>

1. **[If this permit authorizes multiple portable generators, include the following:]** This permit is a portable permit for a generator package including **[identify equipment here]** HP generators. The generators may not be operated at more than one location simultaneously.
2. **[If this permit will be co-located with a NOI, include the following and modify as appropriate:]** The co-location of this permit with any other equipment requires that the owner/operator submit a Notice to the Department for review fifteen (15) days prior to such co-location. The Notice shall include the potential emission rate from all equipment. The permit may not co-locate with equipment if the (PER) exceeds the applicability thresholds of 20.2.72 NMAC.
3. This facility is authorized for continuous operation. No monitoring, recordkeeping, and reporting are required to demonstrate compliance with continuous hours of operation.

OR

|  |
| --- |
| **Requirement:** This Facility, including all permitted equipment and related activities such as truck traffic involving movement of feedstock or product, is restricted to operate no more than XX hours per day, X days per week and XXXX hours per year. [IF APPROPRIATE ADD…] Additionally, the plant may only operate between the daylight hours of sunrise and sunset. See the daylight definition in Section C101.A. |
| **Monitoring:** [As appropriate ADD….] Daily, the permittee shall monitor the hours of operation. |
| **Recordkeeping:** [As appropriate ADD….] Each calendar week, the permittee shall calculate the weekly total for the production hours in which the facility operates. The permittee shall calculate the weekly rolling 52-week total production hours for the facility. |
| **Reporting:** The permittee shall report in accordance with Section B106. |

* 1. Facility: Reporting Schedules (as required)
	2. Facility: Fuel Sulfur Requirements (as required in Condition B100.A and B104.C)
	3. Facility: 20.2.61 NMAC Opacity (as required in Condition B100.B)

EQUIPMENT SPECIFIC REQUIREMENTS

[To maintain numbering, the permit writer must maintain all sections above that are not used; all sections following the inclusion of required requirements are to be deleted. For example, if this permit is an asphalt plant, complete Section A300 Construction Industry, and enter “- Not Required” after the A200 header for Oil and Gas Industry.  All Sections following A300 are to be deleted as well. Within the A300 Condition maintain the numbering for the equipment as well.  For example, if there is no engine, at A301 header enter – “Not Required” and enter the requirement at A302 for the drum mixer or batch plant and so on. After all requirements have been entered, all remaining headers can be deleted below the last requirement.]

 [Note: Remember to consider initial compliance testing in this section.]

Oil and Gas Industry

* 1. Oil and Gas Industry
	2. Engines

[Delete the following note:

Purpose. These guidelines are intended to help permit specialists include adequate monitoring conditions into construction or operating permits in accordance with 20.2.72.210 NMAC or 20.2.70.302 NMAC. These guidelines also help ensure consistency in monitoring conditions for all permits regardless of which permit specialist is assigned the permit.

All IC engines are combustion devices subject to 20.2.61 NMAC and opacity monitoring, unless they qualify for the exemption under 20.2.61.109 NMAC (see permit template for opacity language).

[NOTE: Each permit writer shall review, select, and adjust the requirements below according to the specific facility circumstances.]

NOTE: EXTERRAN – Engine Integrated Control System (EICS): It is important that the permit identify that this particular control device is installed on an engine so that an enforcement inspector knows to check if the control device is installed. This is an engine emissions control device that will automatically shut down an engine if emission limits are exceeded. The department has determined that this control device is part of the engine’s “physical and operational design” with regard to the definitions of PER and PTE as applied to permitting, not as applied to NSPS/NESHAP. We may adjust the monitoring requirements for engines with this control device once we have experience in verifying that the control system performs as represented. For more information, see the presentation in aurora at: [P:\AQB-Permits-Section\NSR-TV-Common\Permitting-Guidance-Documents\Engines\Exterran Engine Integrated Control System](file:///C%3A/Users/Cember.Hardison/AppData/Local/Microsoft/Windows/Temporary%20Internet%20Files/Content.Outlook/AppData/Local/Microsoft/Windows/Temporary%20Internet%20Files/Content.Outlook/Permitting-Guidance-Documents/Engines/Exterran%20Engine%20Integrated%20Control%20System) ]

1. Maintenance and Repair Monitoring (Unit(s) X, Y, and Z)

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| --- |
| **Requirement:** Compliance with the allowable emission limits in Table 106.A shall be demonstrated by properly maintaining and repairing the units. |
| **Monitoring:** Maintenance and repair shall meet the minimum manufacturer's or permittee's recommended maintenance schedule. Activities that involve maintenance, adjustment, replacement, or repair of functional components with the potential to affect the operation of an emission unit shall be documented as they occur for the following events:(1) Routine maintenance that takes a unit out of service for more than two hours during any twenty-four hour period.(2) Unscheduled repairs that require a unit to be taken out of service for more than two hours in any twenty-four hour period. |
| **Recordkeeping:** The permittee shall maintain records in accordance with Section B105, including records of maintenance and repairs activities and a copy of the manufacturer’s or permittee’s recommended maintenance schedule.  |
| **Reporting:** The permittee shall report in accordance with Section B106.  |

[Periodic Testing: Condition may be used for multiple scenarios; adjust as necessary and refer to flow diagram. For example, quarterly testing is required for units with controls and annual testing is required for uncontrolled units with total facility emissions ≥ 95 tpy for any pollutant.]

1. Periodic Emissions Testing (Unit(s) X, Y, and Z)

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| **Requirement:** Compliance with the allowable emission limits in Table 106.A shall be demonstrated by completing the following periodic emission tests.  |
| **Monitoring:** The permittee shall test using a portable analyzer or EPA Reference Methods subject to the requirements and limitations of Section B104, General Monitoring Requirements. For periodic testing of NOx and CO, [change reference to pollutants as necessary] emissions tests shall be carried out as described below. [If the unit has VOC emission limits, include the following.] Test results that demonstrate compliance with the CO emission limits shall also be considered to demonstrate compliance with the VOC emission limits. For units with g/hp-hr emission limits, in addition to the requirements stated in Section B104, the engine load shall be calculated by using the following equation:Load(Hp) = Fuel consumption (scfh) x Measured fuel heating value (LHV btu/scf) Manufacturer’s rated BSFC (btu/bhp-hr) at 100% load or best efficiency(1) The monitoring period shall be [quarterly or annual] If quarterly, add the following: The quarterly monitoring period shall be defined as: January 1 to March 31; April 1 to June 30; July 1 to September 30; and October 1 to December 31. (2) The first test shall occur within the first monitoring period occurring after permit issuance. **[or if testing already required use this instead:]** The tests shall continue based on the existing testing schedule(3) All subsequent monitoring shall occur in each succeeding monitoring period. No two monitoring events shall occur closer together in time than 25% of a monitoring period.(4) The permittee shall follow the General Testing Procedures of Section B107. [add #5 if subject to testing in NSPS JJJJ/IIII or NESHAP ZZZZ] (5) Performance testing required by 40 CFR 60, Subpart JJJJ or IIII or 40 CFR 63, Subpart ZZZZ may be used to satisfy these periodic testing requirements if they meet the requirements of this condition and are completed during the specified monitoring period. |
| **Recordkeeping:** The permittee shall maintain records in accordance with Section B105.  |
| **Reporting:** The permittee shall report in accordance with Section B106. |

1. Initial Compliance Test (Unit(s) X, Y, and Z)

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| **Requirement:** Compliance with the allowable emission limits in Table 106.A shall be demonstrated by performing an initial compliance test. |
| **Monitoring:** The permittee shall perform an initial compliance test in accordance with the General Testing Requirements of Section B107. Emission testing is required for NOx and CO.[change reference to pollutants as necessary]. [If the unit has VOC emission limits, include the following.] Test results that demonstrate compliance with the CO emission limits shall also be considered to demonstrate compliance with the VOC emission limits. The monitoring exemptions of Section B104 do not apply to this requirement. For units with g/hp-hr emission limits, the engine load shall be calculated by using the following equation:Load(Hp) = Fuel consumption (scfh) x Measured fuel heating value (LHV btu/scf) Manufacturer’s rated BSFC (btu/bhp-hr) at 100% load or best efficiency |
| **Recordkeeping:** The permittee shall maintain records in accordance with the applicable Sections in B105. |
| **Reporting:** The permittee shall report in accordance with the applicable Sections in B106. |

**[If the engine has a control device, include an operational requirement. Examples are provided below. Adjust as necessary for your particular situation. Do not list control device efficiencies in the requirement.]**

1. Catalytic Converter Operation (Unit(s) X, Y, and Z)

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| **Requirement:** [Include and revise requirement(s) as necessary]. (1) The unit(s) shall be equipped and operated with an oxidation catalytic converter to control CO, VOC, and HAP emissions. Engines equipped with oxidation catalysts are not required to operate with an AFR. **(Note, this last sentence should not be included if there is an add-on AFR.)** (2) The unit(s) shall be equipped and operated with a non-selective catalytic converter to control NOx, CO, and VOC emissions. These units shall also be equipped with an AFR controlling device, or similar device that performs the same function of maintaining an appropriate air-fuel ratio. The permittee shall maintain the units according to manufacturer’s or supplier’s recommended maintenance, including replacement of oxygen sensor as necessary for oxygen-based controllers.  |
| **Monitoring:** The unit(s) shall be operated with the catalytic converter, which includes catalyst maintenance periods. During periods of catalyst maintenance, the permittee shall either (1) shut down the engine(s); or (2) replace the catalyst with a functionally equivalent spare to allow the engine to remain in operation. |
| **Recordkeeping:** The permittee shall maintain records in accordance with Section B105. |
| **Reporting:** The permittee shall report in accordance with Section B106. |

1. Air Fuel Ratio Operation (Unit(s) X, Y, and Z)

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| **Requirement:** The unit(s) shall be equipped and operated with an AFR controlling device, or similar device that performs the same function of maintaining an appropriate air-fuel ratio. The permittee shall demonstrate that the manufacturer's or supplier's recommended maintenance is performed, including replacement of oxygen sensor as necessary for oxygen-based controllers.  |
| **Monitoring:** The unit(s) shall be operated with the AFR, which includes maintenance periods. During periods of AFR maintenance, the permittee shall either (1) shut down the engine(s); or (2) replace the AFR with a functionally equivalent spare to allow the engine to remain in operation. |
| **Recordkeeping:** The permittee shall maintain records in accordance with Section B105, including a records of maintenance performed on AFR controllers and the manufacturer’s or suppliers’ recommended maintenance schedules for AFR Controllers. |
| **Reporting:** The permittee shall report in accordance with Section B106. |

**[Fuel analysis is not required for facilities that certify the use of natural gas in the permit application unless HAPs are an issue. Fuel Analysis may be required for facilities that use field natural gas.]**

1. 40 CFR 60, Subpart JJJJ (Unit(s) X, Y, and Z) **[already installed units or when applicability is known]** [**Note for SoB:** Engines with Exterran EICS are considered non-certified engines (see 40 CFR 60.4243)]

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| **Requirement:** The unit(s) is/are subject to 40 CFR 60, Subparts A and JJJJ and shall comply with the notification requirements in Subpart A and the specific requirements of Subpart JJJJ. |
| **Monitoring:** The permittee shall comply with all applicable monitoring requirements in 40 CFR 60, Subpart A and Subpart JJJJ, including but not limited to 60.4243. |
| **Recordkeeping:** The permittee shall comply with all applicable recordkeeping requirements in 40 CFR 60, Subpart A and Subpart JJJJ, including but not limited to 60.4245. |
| **Reporting:** The permittee shall comply with all applicable reporting requirements in 40 CFR 60, Subpart A and Subpart JJJJ, including but not limited to 60.4245. |

1. 40 CFR 60, Subpart JJJJ (Unit(s) X, Y, and Z) [To be installed units] [**Note for SoB:** Engines with Exterran EICS are considered non-certified engines (see 40 CFR 60.4243)]

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| **Requirement:** The unit(s) will be subject to 40 CFR 60, Subparts A and JJJJ if the unit is constructed (ordered) and manufactured after the applicability dates in 40 CFR 60.4230 and the permittee shall comply with the notification requirements in Subpart A and the specific requirements of Subpart JJJJ. |
| **Monitoring:** The permittee shall comply with all applicable monitoring requirements in 40 CFR 60, Subpart A and Subpart JJJJ, including but not limited to 60.4243. |
| **Recordkeeping:** The permittee shall comply with all applicable recordkeeping requirements in 40 CFR 60, Subpart A and Subpart JJJJ, including but not limited to 60.4245. |
| **Reporting:** The permittee shall comply with all applicable reporting requirements in 40 CFR 60, Subpart A and Subpart JJJJ, including but not limited to 60.4245. |

**Note Regarding 40 CFR 63, Subpart ZZZZ, engines with no applicable requirements.**

For an engine that is subject to 40 CFR 63, Subpart ZZZZ at §§63.6585 and 6590(a), but does not have to meet the requirements of this subpart and of subpart A of this part, including initial notification (see §63.6590(b)(3)), and there are no applicable requirements in the NSR permit (e.g the unit is an emergency standby generator and NSR exempt per 20.2.72.202.B(3) NMAC or a fire pump engine and NSR exempt per 20.2.72.202.A(4) NMAC), be sure to include its NESHAP applicability determination in the Statement of Basis, but do not list the unit in Table 103-Applicable Regulations, do not include the generic Quad Z condition, and do not include any other Quad Z requirements in the permit. Initial notification as required in 63.6590(b)(1) and (b)(2) is considered an applicable requirement and therefore the unit should be included in the permit. Also, if the unit is meeting the requirements of Quad Z by meeting NSPS IIII or JJJJ (see §63.6590(c)), then the permit should list the unit in Table 104 and include the generic Quad Z condition.

1. 40 CFR 63, Subpart ZZZZ (Unit(s) X, Y, and Z) [already installed units or when applicability is known]

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| **Requirement:** The unit(s) is/are subject to 40 CFR 63, Subpart ZZZZ and the permittee shall comply with all applicable requirements of Subpart A and Subpart ZZZZ.  |
| **Monitoring:** The permittee shall comply with all applicable monitoring requirements of 40 CFR 63, Subpart A and Subpart ZZZZ. |
| **Recordkeeping:** The permittee shall comply with all applicable recordkeeping requirements of 40 CFR 63, Subpart A and Subpart ZZZZ, including but not limited to 63.6655 and 63.10. |
| **Reporting:** The permittee shall comply with all applicable reporting requirements of 40 CFR 63, Subpart A and ZZZZ, including but not limited to 63.6645, 63.6650, 63.9, and 63.10. |

1. 40 CFR 63, Subpart ZZZZ (Unit(s) X, Y, and Z) [To be installed units]

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| --- |
| **Requirement:** The unit(s) will be subject to 40 CFR 63, Subparts A and ZZZZ if they meet the applicability criteria in 40 CFR 63.6590. The permittee shall comply with any applicable notification requirements in Subpart A and any specific requirements of Subpart ZZZZ. |
| **Monitoring:** The permittee shall comply with all applicable monitoring requirements of 40 CFR 63, Subpart A and Subpart ZZZZ. |
| **Recordkeeping:** The permittee shall comply with all applicable recordkeeping requirements of 40 CFR 63, Subpart A and Subpart ZZZZ, including but not limited to 63.6655 and 63.10. |
| **Reporting:** The permittee shall comply with all applicable reporting requirements of 40 CFR 63, Subpart A and ZZZZ, including but not limited to 63.6645, 63.6650, 63.9, and 63.10. |

1. 40 CFR 60, Subpart IIII (Unit(s) X, Y, and Z) **[diesel engines]**

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| **Requirement:** The unit is subject to 40 CFR 60, Subparts A and IIII and shall comply with the notification requirements in Subpart A and the specific requirements of Subpart IIII. |
| **Monitoring:** The permittee shall comply with all applicable monitoring requirements in 40 CFR 60, Subpart A and Subpart IIII, including but not limited to 60.4211. |
| **Recordkeeping:** The permittee shall comply with all applicable recordkeeping requirements in 40 CFR 60, Subpart A and Subpart IIII, including but not limited to 60.4214. |
| **Reporting:** The permittee shall comply with all applicable reporting requirements in 40 CFR 60, Subpart A and Subpart IIII, including but not limited to 60.4214. |

* 1. Glycol Dehydrators
1. **[DELETE IF NOT APPLICABLE]** Extended Gas Analysis and GRI-GLYCalc calculation (Unit(s) X, Y, and Z)

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| --- |
| **Requirement:** Compliance with the allowable VOC emission limits in Table 106.A shall be demonstrated by conducting an annual extended gas analysis on the dehydrator inlet gas and by calculating emissions using GRI-GLYCalc. |
| **Monitoring:** The permittee shall conduct an annual GRI-GlyCalc analysis using the most recent extended gas analysis, and verify the input data. The permittee may use a method of calculating dehydrator emissions other than the most current version of GRI-GlyCalc if approved by the Department. Changes in the calculated emissions due solely to a change in the calculation methodology shall not be deemed an exceedance of an emission limit. |
| **Recordkeeping:** The permittee shall identify in a summary table all parameters that were used as inputs in the GRI-GLYcalc model. The permittee shall keep a record of the results, noting the VOC and HAP emission rates for the dehydrator obtained from estimates using GRI-GLYcalc. |
| **Reporting:** The permittee shall report in accordance with Section B106.  |

1. Extended Gas Analysis and GRI-GLYCalc calculation (Unit(s) X, Y, and Z) [With air cooled condenser – may not be sufficient for liquid cooled.]

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| **Requirement:** To demonstrate compliance with the allowable VOC emission limits in Table 106.A:(1) the dehydrator shall be equipped with a [make, model] condenser; and(2) The permittee shall conduct an annual extended gas analysis on the dehydrator inlet gas. |
| **Monitoring:** The permittee shall conduct an annual GRI-GlyCalc analysis using the most recent extended gas analysis, and verify the input data. The permittee may use a method of calculating dehydrator emissions other than the most current version of GRI-GlyCalc if approved by the Department. Changes in the calculated emissions due solely to a change in the calculation methodology shall not be deemed an exceedance of an emission limit. |
| **Recordkeeping:** The permittee shall identify in a summary table all parameters that were used as inputs in the GRI-GLYcalc model. The permittee shall keep a record of the results, noting the emission rates for the dehydrator obtained from estimates using GRI-GLYcalc. |
| **Reporting:** The permittee shall report in accordance with Section B106.  |

1. Glycol pump circulation rate (Unit(s) X, Y, and Z)

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| **Requirement:** Compliance with the allowable VOC emission limits in Table 106.A shall be demonstrated by monitoring the glycol pump circulation rate for [the, each] unit shall not exceed XX gallons per hour (XX gallons per minute).  |
| **Monitoring:** The permittee shall monitor the circulation rate [weekly, monthly, quarterly, based on a calendar quarter (January 1st through March 31st, April 1 through June 30th, July 1st through September 30th, and October 1st through December 31st)]. [Choose one] Monitoring shall include a calibration [or] visual inspection of pump rate setting [or] other method previously approved by the Department. |
| **Recordkeeping:** The permittee shall maintain records that include a description of the monitoring and are in accordance with Section B105. |
| **Reporting:** The permittee shall report in accordance with Section B106.  |

1. Control Device Inspection (Unit(s) X, Y, and Z)

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| --- |
| **Requirement:** To demonstrate compliance with the allowable VOC emission limits in Table 106.A, [insert NSR operational requirement, examples follow]:(1) [reboiler] the still vent emissions shall be routed at all times to the reboiler firebox.(2) [condenser] the still vent emissions shall be routed at all times to the condenser.(3) [flare] the still vent emissions shall be routed directly to the flare and destroyed.(4) [recycling] the flash tank vent shall be routed at all times to a process point that allows the off-gas to be recycled and recompressed, and not vented to the atmosphere.(5) [inlet scrubber] the still vent and flash tank emissions shall at all times be routed to the compressor inlet scrubber using a closed loop system. The closed loop system shall be designed and operated so that there are no detectable emissions. At no time shall any emissions be emitted directly to the atmosphere.(6) [VRU] the still vent emissions shall be routed to the vapor recovery unit (VRU) and re-injected into the process stream. The VRU shall consist of a closed loop system of seals, ducts, and compressor that will re-inject the gases into the gas gathering pipeline. The VRU shall be operational at all times the facility is in operation. The VRU shall be installed, operated, and maintained according to manufacturer’s specifications that are representative of 99% or greater control efficiency.  |
| **Monitoring:** The permittee shall inspect the glycol dehydrator and the control equipment semi-annually [or specify other frequency as necessary] to ensure it is operating as initially designed [or in accordance with the manufacturer’s recommended procedures]. [Insert the following if the dehy reboiler also has emission limits] The permittee shall also inspect that the reboiler is operating as initially designed [or in accordance with the manufacturer’s recommended procedures]. |
| **Recordkeeping:** The permittee shall record the inspection and the results of all equipment and control device inspections chronologically, noting any maintenance or repairs needed to bring the dehydrator into compliance. [Insert the following if recommended procedure language is used in box above] The permittee shall maintain a copy of the manufacturer’s maintenance recommendations. |
| **Reporting:** The permittee shall report in accordance with Section B106.  |

[Sources **subject to** 40 CFR 63, Subpart HH that **meet the benzene exemption criteria**:

The condition needs to be adjusted if the facility claims the exemption based on throughput.]

1. 40 CFR 63, Subpart HH (Unit(s) X, Y, and Z) [Exempt from general standards]

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| **Requirement:** The unit(s) is/are subject to 40 CFR 63, Subpart HH and the permittee shall comply with all applicable requirements. |
| **Monitoring:** The permittee shall monitor as required by 40 CFR 63.772(b)(2) to demonstrate facility is exempt from general standards. |
| **Recordkeeping:** The permittee shall generate and maintain the records required by 40 CFR 63.774(d)(1)(ii) to demonstrate compliance with the general standard exemptions found in 40 CFR 63.764(e).  |
| **Reporting:** The permittee shall meet all applicable reporting in 40 CFR 63, Subparts A and HH and in Section B106. |

[Sources **subject to** 40 CFR 63, Subpart HH]

1. 40 CFR 63, Subpart HH (Unit(s) X, Y, and Z)

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| **Requirement:** The unit(s) is/are subject to 40 CFR 63, Subpart HH and the permittee shall comply with all applicable requirements, including the general standards of 40 CFR 63.764. |
| **Monitoring:** The permittee shall comply with the monitoring requirements of 40 CFR 63.773. |
| **Recordkeeping:** The permittee shall comply with the recordkeeping requirements of 40 CFR 63.774. |
| **Reporting:** The permittee shall comply with the applicable reporting requirements of 40 CFR 63.775 and in Section B106. |

* 1. Tanks
1. Tank Throughput and Separator Pressure (Unit(s) X, Y, and Z) [with flash emissions]

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| **Requirement:** Compliance with the allowable emission limits in Table 106.A shall be demonstrated by limiting the monthly rolling 12-month total condensate throughput to the unit(s) to XX gallons per year (XX barrels/year) and limiting the monthly rolling 12-month average separator pressure to less than XX psia.  |
| **Monitoring:** The permittee shall monitor the monthly total throughput and the upstream separator pressure once per month. |
| **Recordkeeping:** The permittee shall record: 1) the monthly total throughput of liquids and, 2) the monthly separator pressure. Each month the permittee shall use these values to calculate and record: 3) during the first 12 months of monitoring, the cumulative total liquid throughput and after the first 12 months of monitoring, the monthly rolling 12-month total liquid throughput and, 4) during the first 12 months of monitoring, the average separator pressure, and after the first 12 months of monitoring, the monthly rolling 12-month average separator pressure. Tank breathing and working emissions were calculated using the USEPA Tanks program Version 4.0.9.d [or more current] and tank flashing emissions using [IDENTIFY THE METHOD, i.e. HYSYS® (version unknown), E&P Tanks]. Emission rates computed using the same parameters, but with a different Department approved algorithm that exceed these values will not be deemed non-compliance with this permit. Records shall be maintained in accordance with Section B105.  |
| **Reporting:** The permittee shall report in accordance with Section B106.  |

1. Tank Throughput (Unit(s) X, Y, and Z) [without flash emissions]

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| **Requirement:** Compliance with the allowable emission limits in Table 106.A shall be demonstrated by limiting the monthly rolling 12-month total condensate throughput to the unit(s) to XX gallons per year (XX barrels/year)  |
| **Monitoring:** The permittee shall monitor the monthly total throughput once per month. |
| **Recordkeeping:** The permittee shall record the monthly total throughput of liquids. Each month, during the first 12 months of monitoring, the permittee shall record the cumulative total liquid throughput and after the first 12 months of monitoring, the permittee shall calculate and record the monthly rolling 12-month total liquid throughput. Tank breathing and working emissions were calculated using the USEPA Tanks program Version 4.0.9.d [or more current]. Emission rates computed using the same parameters, but with a different Department approved algorithm that exceed these values will not be deemed non-compliance with this permit. Records shall also be maintained in accordance with Section B105. |
| **Reporting:** The permittee shall report in accordance with Section B106. |

1. Truck Loading - Condensate Loadout (Unit(s) X, Y, and Z)

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| **Requirement:** Compliance with the allowable emission limits in Table 106.A shall be demonstrated by limiting the total annual condensate loadout volume to XX gallons per year. (NSR Permit Condition)  |
| **Monitoring:** The permittee shall monitor the condensate truck loadout volume on a monthly basis.  |
| **Recordkeeping:** The permittee shall record the monthly condensate truck loadout volume. Each month during the first 12 months of monitoring the permittee shall record the cumulative condensate loadout volume and after the first 12 months of monitoring, the permittee shall calculate and record a monthly rolling 12-month total loadout volume. Records shall also be maintained in accordance with Section B105. |
| **Reporting:** The permittee shall report in accordance with Section B106.  |

1. 20.2.38 NMAC, Hydrocarbon Storage Facilities (Unit(s) X, Y, and Z)

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| **Requirement:** The permittee shall comply with 20.2.38 [109, 110, 111, 112, or 113] NMAC. See regulation [HYDROCARBON STORAGE FACILITIES](http://www.nmcpr.state.nm.us/nmac/parts/title20/20.002.0038.htm).The permittee shall install [describe control device] to minimize hydrocarbon and hydrogen sulfide loss to the atmosphere and shall not operate the tank without the control device.  |
| **Monitoring:** The permittee shall monitor the tank(s) operation.  |
| **Recordkeeping:** The permittee shall record [describe record].  |
| **Reporting:** The permittee shall report in accordance with Section B106. |

1. 40 CFR 60, Subpart Kb (Unit(s) X, Y, and Z)

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| **Requirement:** The unit(s) is subject to 40 CFR 60, Subpart Kb and the permittee shall comply with the VOC standard as specified by 40 CFR 60.112b. |
| **Monitoring:** The permittee shall comply with the testing requirements of 40 CFR 60.113b and the monitoring requirements of 40 CFR 60.116b. |
| **Recordkeeping:** The permittee shall maintain records as specified by 40 CFR 60.115b and 60.116b. |
| **Reporting:** The permittee shall comply with reporting requirements of 40 CFR 60.115b. |

1. Tank Vapor Recovery Unit (VRU) Control Device Inspection (Units **X, Y, Z and W**)

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| **Requirement:** Compliance with the allowable emission limits in Table 106.A shall be demonstrated by operating the vapor recovery units at all times as a closed loop system that captures and routes VOCs from tanks **X, Y, Z and W** back to the process stream and does not vent to the atmosphere.  |
| **Monitoring:** At least once per month, the permittee shall inspect the vapor recovery unit for defects that could result in air emissions. Defects include, but are not limited to, visible cracks, holes, or gaps; broken, cracked, or otherwise damaged seals or gaskets on closure devices; and broken or missing hatches, access covers, caps, or other closure devices. In the event that a leak or defect is detected, the permittee shall repair the leak or defect as soon as practicable and in a manner that minimizes VOC and HAPs emissions to the atmosphere.  |
| **Recordkeeping:** The permittee shall record the results of the vapor recovery unit inspections chronologically, noting any maintenance or repairs that are required.  |
| **Reporting:** The permittee shall report in accordance with Section B106. |

* 1. Other Equipment see the following link for monitoring protocols on equipment not listed above

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| **Requirement:** [delete this link to [**Monitoring Protocols on Magneto**](file:///Z%3A/NSR-TV-Common/Monitoring%20Protocols)- remember to correct NSR GC references to B104 for monitoring, B105 for Recordkeeping and B106 for Reporting if using the NSR references for this Streamline and correct Emission table Reference to Table 107.A] |
| **Monitoring:**  |
| **Recordkeeping:**  |
| **Reporting:**  |

**PART B GENERAL CONDITIONS (Attached)**

**PART C MISCELLANEOUS: Supporting On-Line Documents; Definitions; Acronyms (Attached)**

[DO NOT PRINT GENERAL CONDITIONS AND MISCELLANEOUS UNITL YOU SUBMIT FINAL DOCUMENT FOR SIGNATURE.

FINAL DOCUMENT MUST HAVE PERMIT NUMBER IN HEADER FOR LEGAL REASONS AND IT MUST BE SINGLE SIDED LIKE THE PERMIT.]