



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502

C.L. "Butch" Otter, Governor  
Toni Hardesty, Director

July 12, 2011

Barry Orgill  
Director of Operations  
Northwest Pipeline GP  
P.O. Box 58900  
Salt Lake City, UT 84158-0900

RE: Facility ID No. 039-00022, Northwest Pipeline GP, Mountain Home  
Final Tier I Operating Permit Letter

Dear Mr. Orgill:

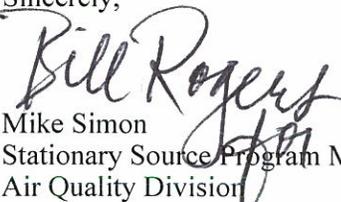
The Department of Environmental Quality (DEQ) is issuing Tier I Operating Permit No. T1-2011.0063 to Northwest Pipeline GP at Mountain Home in accordance with IDAPA 58.01.01.300 through 386, Rules for the Control of Air Pollution in Idaho (Rules).

The enclosed permit is effective immediately, summarizes the applicable requirements for your facility, and requires an annual compliance certification for all emissions units. This permit replaces Tier I Operating Permit No. T1-2007.0212, issued March 21, 2008. The enclosed operating permit is based on the information contained in your permit application received on January 24, 2011. Modifications to and/or renewal of this operating permit shall be requested in a timely manner in accordance with the Rules.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with J.R. Fuentes, Air Source Specialist, at 208-373-0550 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends that the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any other staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to call Kelli Wetzel at (208) 373-0502 or [kelli.wetzel@deq.idaho.gov](mailto:kelli.wetzel@deq.idaho.gov) to address any questions or concerns you may have with the enclosed permit.

Sincerely,

  
Mike Simon  
Stationary Source Program Manager  
Air Quality Division

MS/kw Permit No. T1-2011.0063 PROJ 60788

Enclosure



**Air Quality  
TIER I OPERATING PERMIT**  
State of Idaho  
Department of Environmental Quality

**PERMIT No.:** T1-2011.0063  
**FACILITY ID No.:** 039-00022  
**AQCR:** 63      **CLASS:** A      **UTM ZONE:** 11  
**SIC:** 4922      **NAICS:** 486210  
**UTM COORDINATE (km):** 625.7, 4766.2

**1. PERMITTEE**  
Northwest Pipeline GP

**2. PROJECT**  
Project No. 60788, Tier I Operating Permit Renewal for Mountain Home Compressor Station

<b>3. MAILING ADDRESS</b> P.O. Box 58900	<b>CITY</b> Salt Lake City	<b>STATE</b> UT	<b>ZIP</b> 84158-0900
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<b>4. FACILITY CONTACT</b> Derek Forsberg	<b>TITLE</b> Environmental Scientist	<b>TELEPHONE</b> (801) 584-6748
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<b>5. RESPONSIBLE OFFICIAL</b> Barry Orgill	<b>TITLE</b> Director of Operations	<b>TELEPHONE</b> (801) 584-6113
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<b>6. EXACT PLANT LOCATION</b> Section 36, Township 4 South, Range 8 East	<b>COUNTY</b> Elmore
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**7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**  
Natural Gas Transmission

**8. PERMIT AUTHORITY**

This Tier I operating permit is issued pursuant to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.300 through 386. The permittee shall comply with the terms and conditions of this permit.

This permit incorporates all applicable terms and conditions of prior air quality permits issued by the Idaho Department of Environmental Quality (DEQ) for the permitted source, unless the permittee emits toxic pollutants subject to state-only requirements pursuant to IDAPA 58.01.01.210, and the permittee elects not to incorporate those terms and conditions into this operating permit.

The effective date of this permit is the date of signature by DEQ on the cover page.

*Kelli Wetzel*  
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 KELLI WETZEL, PERMIT WRITER  
 DEPARTMENT OF ENVIRONMENTAL QUALITY

*Mike Simon*  
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 MIKE SIMON, STATIONARY SOURCE PROGRAM MANAGER  
 DEPARTMENT OF ENVIRONMENTAL QUALITY

<b>DATE ISSUED:</b>	July 12, 2011
<b>DATE MODIFIED/AMENDED:</b>	
<b>DATE EXPIRES:</b>	July 12, 2016

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## Acronyms, Units, and Chemical Nomenclature

acfm	actual cubic feet per minute
AFS	AIRS Facility Subsystem
AIRS	Aerometric Information Retrieval System
AQCR	Air Quality Control Region
ASTM	American Society for Testing and Materials
BACT	Best Available Control Technology
Bhp	Brake horse power
Btu	British thermal unit
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CMS	Continuous Monitoring System
CO	carbon monoxide
COMS	Continuous Opacity Monitoring System
CPMS	Continuous parameter monitoring system
DEQ	Department of Environmental Quality
dscf	dry standard cubic feet
EPA	U.S. Environmental Protection Agency
gpm	gallons per minute
gr	grain (1 lb = 7,000 grains)
HAP	hazardous air pollutants
hp	horsepower
hr/yr	hours per year
IC	Internal Combustion
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
ISO	International Organization for Standardization
km	kilometers
lb/hr	pounds per hour
m	meters
MACT	Maximum Achievable Control Technology
MMBtu	million British thermal units
NAICS	North American Industry Classification System
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO <sub>2</sub>	nitrogen dioxide
NO <sub>x</sub>	nitrogen oxides
NSPS	New Source Performance Standards
PM	particulate matter
PM <sub>10</sub>	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
ppm	parts per million
PSD	Prevention of Significant Deterioration
PTC	permit to construct
PTE	potential to emit

scf	standard cubic feet
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SM	synthetic minor
SO <sub>2</sub>	sulfur dioxide
SO <sub>x</sub>	sulfur oxides
T/yr	tons per year
TAP	toxic air pollutants
U.S.C.	United States Code
UTM	Universal Transverse Mercator
VOC	volatile organic compounds
µg/m <sup>3</sup>	micrograms per cubic meter

# 1. TIER I OPERATING PERMIT SCOPE

## Purpose

1.1 This Tier I operating permit establishes facility-wide requirements in accordance with the Idaho State Implementation Plan control strategy and the Rules.

This permitting action is to renew the Tier I operating permit.

1.2 This Tier I operating permit supersedes the following permit(s):

- Tier I Operating Permit No. T1-2007.0212, issued March 21, 2008

## Regulated Sources

1.3 Table 1.1 lists all sources of emissions regulated in this Tier I operating permit.

**Table 1.1 REGULATED SOURCES**

Permit Section	Source Description	Emissions Control
2	<u>Fugitive Road Dust Sources</u> Unpaved Road Length: 600 feet Semi Truck usage: 2.5 miles/yr, 80,000 lbs 1-Ton Truck usage: 166 miles/yr, 20,000 lbs Pickup Truck usage: 166 miles/yr, 5,000 lbs Surface Silt Content: 5.1%	Reasonable controls
3	<u>Reciprocating IC Engine, Unit 1</u> Manufacturer: Ingersoll-Rand Model: 412-KVS Serial Number: 412CT151 Type: Four Stroke, Lean Burn Installed: 1956 Maximum Rated Horsepower: 1,885 hp Fuel: Natural gas only	None
3	<u>Reciprocating IC Engine, Unit 2</u> Manufacturer: Ingersoll-Rand Model: 412-KVS Serial Number: 412CT152 Type: Four Stroke, Lean Burn Installed: 1956 Maximum Rated Horsepower: 1,885 hp Fuel: Natural gas only	None
3	<u>Reciprocating IC Engine, Unit 3</u> Manufacturer: Ingersoll-Rand Model: 412-KVS Serial Number: 412CT150 Type: Four Stroke, Lean Burn Installed: 1956 Maximum Rated Horsepower: 1,885 hp Fuel: Natural gas only	None
4	<u>Reciprocating IC Engine, Unit 4</u> Manufacturer: Cummins Model: GTA855A Serial Number: 25209852 Type: Four Stroke, Rich Burn Installed: 1996 Maximum Rated Horsepower: 292 hp Fuel: Natural gas only	None

## 2. FACILITY-WIDE CONDITIONS

Table 2.1 contains a summary of requirements that apply generally to emissions units at the facility.

**Table 2.1 APPLICABLE REQUIREMENTS SUMMARY**

Permit Condition	Parameter	Permit Limit/ Standard Summary	Applicable Requirement References	Monitoring and Recordkeeping Requirements
2.1	Fugitive emissions	Reasonable precautions	IDAPA 58.01.01.650-651	2.2-2.4, 2.11
2.5	Odorous gas, liquids, or solids	No emissions that cause air pollution	IDAPA 58.01.01.775-776	2.6, 2.11
2.7	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625	2.8, 2.11,
2.9	Excess emissions	Compliance with IDAPA 58.01.01.130-136	IDAPA 58.01.01.130	2.9-2.9.5, 2.11
2.10	PM <sub>10</sub> , NO <sub>x</sub> , CO, and opacity	Performance testing	IDAPA 58.01.01.157	2.10, 2.11, 2.12
2.13	Sulfur Content	Sulfur content of fuels	IDAPA 58.01.01.725	2.11
2.14	Open burning	In accordance with IDAPA 58.01.01.600-623	IDAPA 58.01.01.600-623	2.11
2.15	Asbestos	Compliance with 40 CFR 61, Subpart M for renovation/demolition	40 CFR 61, Subpart M	2.11, 2.15
2.17	Recycling and emissions reduction	Reduce emissions of Class I and Class II refrigerants in accordance with 40 CFR 82, Subpart F	40 CFR 82, Subpart F	2.11, 2.17

### ***Fugitive Dust***

- 2.1 All reasonable precautions shall be taken to prevent PM from becoming airborne in accordance with IDAPA 58.01.01.650-651.  
**[IDAPA 58.01.01.650-651, 3/30/07]**
- 2.2 The permittee shall monitor and maintain records of the frequency and the method(s) used (e.g., water, chemical dust suppressants) to reasonably control fugitive dust emissions.  
**[IDAPA 58.01.01.322.06, 07, 5/1/94]**
- 2.3 The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.  
**[IDAPA 58.01.01.322.06, 07, 5/1/94]**
- 2.4 The permittee shall conduct a quarterly facility-wide inspection of potential sources of fugitive dust emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive dust emissions are effective. If fugitive dust emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive dust emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive dust emissions, and the date the corrective action was taken.  
**[IDAPA 58.01.01.322.06, 07, 5/1/94]**

## **Odors**

- 2.5 The permittee shall not allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.  
[IDAPA 58.01.01.775-776 (state only), 5/1/94]
- 2.6 The permittee shall maintain records of all odor complaints received. If the complaint has merit, the permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.  
[IDAPA 58.01.01.322.06, 07 (state-only), 5/1/94]

## **Visible Emissions**

- 2.7 The permittee shall not discharge any air pollutant to the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which is greater than 20% opacity as determined by procedures contained in IDAPA 58.01.01.625. These provisions shall not apply when the presence of uncombined water, nitrogen oxides, and/or chlorine gas is the only reason for the failure of the emission to comply with the requirements of this section.  
[IDAPA 58.01.01.625, 4/5/00]
- 2.8 The permittee shall conduct a quarterly facility-wide inspection of potential sources of visible emissions, during daylight hours and under normal operating conditions. Sources that are monitored using a continuous opacity monitoring system (COMS) are not required to comply with this permit condition. The inspection shall consist of a see/no see evaluation for each potential source of visible emissions. If any visible emissions are present from any point of emission, the permittee shall either
- a) take appropriate corrective action as expeditiously as practicable to eliminate the visible emissions. Within 24 hours of the initial see/no see evaluation and after the corrective action, the permittee shall conduct a see/no see evaluation of the emissions point in question. If the visible emissions are not eliminated, the permittee shall comply with b).
- or
- b) perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20%, as measured using Method 9, for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in its annual compliance certification and in accordance with IDAPA 58.01.01.130-136.
- The permittee shall maintain records of the results of each visible emission inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.  
[IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]

## **Excess Emissions**

### *Excess Emissions - General*

- 2.9 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions. The provisions of IDAPA 58.01.01.130-136 shall govern in the event of conflicts between Permit Condition 2.9 and the regulations of IDAPA 58.01.01.130-136.
- 2.9.1 The person responsible for or in charge of a facility during an excess emissions event shall, with all practicable speed, initiate and complete appropriate and reasonable action to correct the conditions causing the excess emissions event; to reduce the frequency of occurrence of such events; to minimize the amount by which the emission standard is exceeded; and shall, as provided below or upon request of DEQ, submit a full report of such occurrence, including a statement of all known causes, and of the scheduling and nature of the actions to be taken.

[IDAPA 58.01.01.132, 4/5/00]

### *Excess Emissions – Startup, Shutdown, Scheduled Maintenance*

- 2.9.2 In all cases where startup, shutdown, or scheduled maintenance of any equipment or emission unit is expected to result or results in an excess emissions event, the owner or operator of the facility or emissions unit generating the excess emissions shall demonstrate compliance with IDAPA 58.01.01.133.01(a) through (d), including, but not limited to, the following:

[IDAPA 58.01.01.133, 4/5/00]

- A prohibition of any scheduled startup, shutdown, or maintenance resulting in excess emissions shall occur during any period in which an Atmospheric Stagnation Advisory or a Wood Stove Curtailment Advisory has been declared by DEQ.
- Notifying DEQ of the excess emissions event as soon as reasonably possible, but no later than two hours prior to, the start of the event, unless the owner or operator demonstrates to DEQ's satisfaction that a shorter advance notice was necessary.
- The owner or operator of a source of excess emissions shall report and record the information required pursuant to Permit Conditions 2.9.4 and 2.9.5 and IDAPA 58.01.01.135 and 136 for each excess emissions event due to startup, shutdown, or scheduled maintenance.

[IDAPA 58.01.01.133.01.a, 3/20/97]

[IDAPA 58.01.01.133.01.b, 4/5/00]

[IDAPA 58.01.01.133.01.c, 3/20/97]

### *Excess Emissions – Upset, Breakdown, or Safety Measures*

- 2.9.3 In all cases where upset or breakdown of equipment or an emissions unit, or the initiation of safety measures, results or may result in an excess emissions event, the owner or operator of the facility or emissions unit generating the excess emissions shall demonstrate compliance with IDAPA 58.01.01.134.01(a) and (b) and the following:
- 2.9.3.1 For all equipment or emissions units from which excess emissions result during upset or breakdown conditions, or for other situations that may necessitate the implementation of safety measures which cause excess emissions, the facility owner or operator shall comply with the following:

[IDAPA 58.01.01.134, 4/11/06]

[IDAPA 58.01.01.134.02, 4/5/00]

- The owner or operator shall immediately undertake all appropriate measures to reduce and, to the extent possible, eliminate excess emissions resulting from the event and to minimize the impact of such excess emissions on the ambient air quality and public health.

**[IDAPA 58.01.01.134.02.a, 4/5/00]**

- The owner or operator shall notify DEQ of any upset, breakdown, or safety event that results in excess emissions. Such notification shall identify the time, specific location, equipment or emissions unit involved, and (to the extent known) the cause(s) of the occurrence. The notification shall be given as soon as reasonably possible, but no later than 24 hours after the event, unless the owner or operator demonstrates to DEQ's satisfaction that the longer reporting period was necessary.

**[IDAPA 58.01.01.134.02.b, 4/5/00]**

- The owner or operator shall report and record the information required pursuant to Permit Conditions 2.9.4 and 2.9.5 and IDAPA 58.01.01.135 and 136 for each excess emissions event caused by an upset, breakdown, or safety measure.

**[IDAPA 58.01.01.134.02.c, 3/20/97]**

- 2.9.3.2 During any period of excess emissions caused by upset, breakdown, or operation under facility safety measures, DEQ may require the owner or operator to immediately reduce or cease operation of the equipment or emissions unit causing the period until such time as the condition causing the excess has been corrected or brought under control. Such action by DEQ shall be taken upon consideration of the factors listed in IDAPA 58.01.01.134.03 and after consultation with the facility owner or operator.

**[IDAPA 58.01.01.134.03 4/5/00]**

*Excess Emissions – Reporting and Recordkeeping*

- 2.9.4 A written report for each excess emissions event shall be submitted to DEQ by the owner or operator no later than 15 days after the beginning of such an event. Each report shall contain the information specified in IDAPA 58.01.01.135.02.

**[IDAPA 58.01.01.135.01 and 02, 4/11/06]**

- 2.9.5 The owner or operator shall maintain excess emissions records at the facility for the most recent five-calendar-year period. The excess emissions records shall be made available to DEQ upon request and shall include the information requested by IDAPA 58.01.01.136.03(a) and (b) as summarized in the following:

**[IDAPA 58.01.01.136.01, 02, 3/20/97; IDAPA 58.01.01.136.03, 4/5/00]**

- An excess emissions log book for each emissions unit or piece of equipment containing copies of all reports that have been submitted to DEQ pursuant to IDAPA 58.01.01.135 for the particular emissions unit or equipment; and

**[IDAPA 58.01.01.136.03.a, 4/5/00]**

- Copies of all startup, shutdown, and scheduled maintenance procedures and upset, breakdown, or safety preventative maintenance plans that have been developed by the owner or operator in accordance with IDAPA 58.01.01.133 and 134, and facility records as necessary to demonstrate compliance with such procedures and plans.

**[IDAPA 58.01.01.136.03.b, 3/20/97]**

## **Performance Testing**

- 2.10 If performance testing is required, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test or shorter time period as provided in a permit, order, consent decree, or by DEQ approval. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests such testing not be performed on weekends or state holidays.

All testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, prior to conducting any performance test, the permittee is encouraged to submit in writing to DEQ, at least 30 days in advance, the following for approval:

- The type of method to be used
- Any extenuating or unusual circumstances regarding the proposed test
- The proposed schedule for conducting and reporting the test

Unless a longer time is approved by DEQ, the permittee shall submit a compliance test report for the respective test to DEQ within 45 days following the date in which a compliance test required by this permit is concluded. The compliance test report shall include all process operating data collected during the test period as well as the test results, raw test data, and associated documentation, including any approved test protocol.

The proposed test date(s), test date rescheduling notice(s), compliance test report, and all other correspondence shall be sent to the following address:

Air Quality Permit Compliance  
Department of Environmental Quality  
Boise Regional Office  
1445 N. Orchard  
Boise, ID 83706  
Phone: (208) 373-0550 Fax: (208) 373-0287

**[IDAPA 58.01.01.157, 4/5/00; IDAPA 58.01.01.322.06, 08.a, 09, 5/1/94]**

## **Monitoring and Recordkeeping**

- 2.11 The permittee shall maintain sufficient records to assure compliance with all of the terms and conditions of this operating permit. Records of monitoring information shall include, but not be limited to, the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

**[IDAPA 58.01.01.322.07, 5/1/94]**

## **Reports and Certifications**

- 2.12 All periodic reports and certifications required by this permit shall be submitted to DEQ within 30 days of the end of each specified reporting period. Excess emissions reports and notifications shall be submitted in accordance with IDAPA 58.01.01.130-136. Reports, certifications, and notifications shall be submitted to:

Air Quality Permit Compliance  
Department of Environmental Quality  
Boise Regional Office  
1445 N. Orchard  
Boise, ID 83706  
Phone: (208) 373-0550 Fax: (208) 373-0287

The periodic compliance certification required by General Provision 21 shall also be submitted within 30 days of the end of the specified reporting period to:

EPA Region 10  
Air Operating Permits, OAQ-107  
1200 Sixth Ave.  
Seattle, WA 98101

[IDAPA 58.01.01.322.08, 11, 5/1/94]

## **Sulfur Content**

- 2.13 The permittee shall not sell, distribute, use, or make available for use any distillate fuel oil containing more than the following percentages of sulfur:
- ASTM Grade 1 fuel oil - 0.3% by weight.
  - ASTM Grade 2 fuel oil - 0.5% by weight.

[IDAPA 58.01.01.728, 5/1/94]

## **Open Burning**

- 2.14 The permittee shall comply with the *Rules for Control of Open Burning*, IDAPA 58.01.01.600-623.

[IDAPA 58.01.01.600-623, 05/08/09]

## **Asbestos**

- 2.15 The permittee shall comply with all applicable portions of 40 CFR 61, Subpart M – Asbestos.

[40 CFR 61, Subpart M]

## **Regulated Substances for Accidental Release Prevention**

- 2.16 An owner or operator of a stationary source that has more than a threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115, shall comply with the requirements of the Chemical Accident Prevention Provisions at 40 CFR 68 no later than the latest of the following dates:
- Three years after the date on which a regulated substance present above a threshold quantity is first listed under 40 CFR 68.130.
  - The date on which a regulated substance is first present above a threshold quantity in a process.

[40 CFR 68.10 (a)]

## Recycling and Emissions Reductions

- 2.17 The permittee shall comply with applicable standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, Recycling and Emissions Reduction.

[40 CFR 82, Subpart F]

## NSPS/NESHAP General Provisions

### 2.18 NESHAP 40 CFR 63, Subpart A – General Provisions

The permittee shall comply with the requirements of 40 CFR 63, Subpart A – General Provisions. A summary of applicable requirements for affected sources is provided in Table 2.2.

Table 2.2 NESHAP 40 CFR 63, SUBPART A – SUMMARY OF GENERAL PROVISIONS

Section	Subject	Summary of Section Requirements
63.13	Addresses	<ul style="list-style-type: none"> <li>All requests, reports, applications, submittals, and other communications associated with 40 CFR 63, Subpart(s) shall be submitted to: <ul style="list-style-type: none"> <li><b>Director Air and Waste</b> US EPA 1200 Sixth Avenue Seattle, WA 98101</li> <li><b>and</b></li> <li><b>Boise Regional Office</b> Department of Environmental Quality 1445 N. Orchard Boise, ID 83706</li> </ul> </li> </ul>
63.4(a)	Prohibited Activities	<ul style="list-style-type: none"> <li>No permittee must operate any affected source in violation of the requirements of 40 CFR 63 in accordance with 40 CFR 63.4(a). No permittee subject to the provisions of this part shall fail to keep records, notify, report, or revise reports as required under this part.</li> </ul>
63.4(b)	Circumvention/ Fragmentation	<ul style="list-style-type: none"> <li>No permittee shall build, erect, install or use any article, machine, equipment, or process to conceal an emission that would otherwise constitute noncompliance with a relevant standard.</li> <li>Fragmentation which divides ownership of an operation, within the same facility among various owners where there is no real change in control, will not affect applicability in accordance with 40 CFR 63.4(c).</li> </ul>
63.6(b)	Compliance Dates	<ul style="list-style-type: none"> <li>The permittee of any new or reconstructed source must comply with the relevant standard as specified in 40 CFR 63.6(b). The permittee of a source that has an initial startup before the effective date of a relevant standard must comply not later than the standard's effective date in accordance with 40 CFR 63.6(b)(1). The permittee of a source that has an initial startup after the effective date of a relevant standard must comply upon startup of the source in accordance with 40 CFR 63.6(b)(2).</li> <li>The permittee of any existing sources must comply with the relevant standard by the compliance date established in the applicable subpart or as specified in 40 CFR 63.6(c). The permittee of an area source that increases its emissions of hazardous air pollutants such that the source becomes a major source shall be subject to relevant standards for existing sources in accordance with 40 CFR 63.6(c)(5).</li> </ul>
63.7	Performance Testing Requirements	<ul style="list-style-type: none"> <li>If required to do performance testing, the permittee must perform such tests within 180 days of the compliance date in accordance with 40 CFR 63.7(a).</li> <li>The permittee must notify in writing of the intention to conduct a performance test at least 60 calendar days before the performance test is initially scheduled to begin to allow review of the site-specific test plan and to have an observer present during the test in accordance with 40 CFR 63.7(b).</li> <li>Before conducting a required performance test, the permittee shall develop and, if requested, shall submit a site-specific test plan for approval in accordance with 40 CFR 63.7(c). The test plan shall include a test program summary, the test schedule, data quality objectives, and both an internal and external quality assurance (QA) program.</li> <li>If required to do performance testing, the permittee shall provide performance testing facilities in accordance with 40 CFR 63.7(d): Sampling ports adequate for test methods applicable to such source. Safe sampling platform(s);</li> </ul>

Section	Subject	Summary of Section Requirements
		<p>Safe access to sampling platform(s);            Utilities for sampling and testing equipment; and            Any other facilities deemed necessary for safe and adequate testing of a source.</p> <ul style="list-style-type: none"> <li>• Performance tests shall be conducted and data reduced in accordance with 40 CFR 63.7(e) and (f).</li> <li>• The permittee shall report the results of the performance test before the close of business on the 60<sup>th</sup> day following the completion of the test, unless specified or approved otherwise in accordance with 40 CFR 63.7(g).</li> </ul>
63.9	Notification Requirements	<ul style="list-style-type: none"> <li>• The permittee of an affected source that has an initial startup before the effective date of a relevant standard shall notify in writing that the source is subject to the relevant standard, in accordance with 40 CFR 63.9(b)(2). The notification, which shall be submitted not later than 120 calendar days after the effective date of the relevant standard (or within 120 calendar days after the source becomes subject to the relevant standard), shall provide the following information:            The name and address of the permittee;            The address (i.e., physical location) of the affected source;            An identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date;            A brief description of the nature, size, design, and method of operation of the source and an identification of the types of emission points within the affected source subject to the relevant standard and types of hazardous air pollutants emitted; and            A statement of whether the affected source is a major source or an area source.</li> <li>• The permittee of a new or reconstructed major affected source for which an application for approval of construction or reconstruction is required must provide the following information in writing in accordance with 40 CFR 63.9(b)(4):            A notification of intention to construct a new major-emitting affected source, reconstruct a major-emitting affected source, or reconstruct a major source such that the source becomes a major-emitting affected source;            A notification of the actual date of startup of the source delivered or postmarked within 15 calendar days after that date.</li> <li>• The permittee of a new or reconstructed affected source for which an application for approval of construction or reconstruction is not required must provide the following information in writing in accordance with 40 CFR 63.9(b)(5):            A notification of intention to construct a new affected source, reconstruct an affected source, or reconstruct a source such that the source becomes an affected source, and            A notification of the actual date of startup of the source delivered or postmarked within 15 calendar days after that date.            Unless the permittee has requested and received prior permission, the notification must include the information required in the application for approval of construction or reconstruction as specified in 40 CFR 63.5(d)(1).</li> <li>• The permittee shall notify in writing of his or her intention to conduct a performance test at least 60 calendar days before the performance test is scheduled to begin to allow the opportunity to review and approve the site-specific test plan required by 40 CFR 63.7(c), and to have an observer present during the test.</li> <li>• The permittee of an affected source shall notify in writing of the anticipated date for conducting the opacity or visible emission observations in accordance with 40 CFR 63.9(f), if such observations are required.</li> <li>• Each time a notification of compliance status is required under this part, the permittee of such source shall submit a notification of compliance status in accordance with 40 CFR 63.9(h)(2)(i). The notification shall list:            The methods that were used to determine compliance;            The results of any performance tests, opacity or visible emission observations, continuous monitoring system (CMS) performance evaluations, and/or other monitoring procedures or methods that were conducted;            The methods that will be used for determining continuing compliance, including a description of monitoring and reporting requirements and test methods;            The type and quantity of hazardous air pollutants emitted by the source (or surrogate pollutants if specified in the relevant standard), reported in units and averaging times and in accordance with the</li> </ul>

Section	Subject	Summary of Section Requirements
		<p>test methods specified in the relevant standard;</p> <p>If the relevant standard applies to both major and area sources, an analysis demonstrating whether the affected source is a major source (using the emissions data generated for this notification);</p> <p>A description of the air pollution control equipment (or method) for each emission point, including each control device (or method) for each hazardous air pollutant and the control efficiency (percent) for each control device (or method); and</p> <p>A statement by the permittee of the affected existing, new, or reconstructed source as to whether the source has complied with the relevant standard or other requirements.</p> <ul style="list-style-type: none"> <li>• The notification must be sent before the close of business on the 60th day following the completion of the relevant compliance demonstration activity specified in the relevant standard unless otherwise specified in accordance with 40 CFR 63.9(h)(2)(ii). If no performance test is required but opacity or visible emission observations are required to demonstrate compliance with a standard, the notification shall be sent before close of business on the 30th day following the completion of the observations.</li> <li>• Each time a notification of compliance status is required under this part, the permittee of such source shall submit the notification of compliance status following completion of the relevant compliance demonstration activity specified.</li> <li>• If an permittee submits estimates or preliminary information in an application in place of the actual emissions data or control efficiencies, the permittee shall submit the actual emissions data and other correct information as soon as available but no later than with the initial notification of compliance status required in this section in accordance with 40 CFR 63.9(h)(5).</li> <li>• Any change in the information already provided under this section shall be provided in writing within 15 calendar days after the change in accordance with 40 CFR 63.9(j).</li> </ul>
63.10	Recordkeeping and Reporting Requirements	<ul style="list-style-type: none"> <li>• The permittee shall maintain files of all required information recorded in a form suitable and readily available for expeditious inspection and review in accordance with 40 CFR 63.10(b)(1). The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data shall be retained on site.</li> <li>• The permittee shall maintain relevant records of the following in accordance with 40 CFR 63.10(b)(2); <ul style="list-style-type: none"> <li>The occurrence and duration of each startup or shutdown when the startup or shutdown causes the source to exceed any applicable emission limitation in the relevant emission standards;</li> <li>The occurrence and duration of each malfunction of operation or the required air pollution control and monitoring equipment;</li> <li>All required maintenance performed on the air pollution control and monitoring equipment;</li> <li>Actions taken during periods of startup or shutdown when the source exceeded applicable emission limitations in a relevant standard and when the actions taken are different from the procedures specified in the affected source's startup, shutdown, and malfunction plan; or</li> <li>Actions taken during periods of malfunction when the actions taken are different from the procedures specified in the affected source's startup, shutdown, and malfunction plan;</li> </ul> </li> </ul> <p>All information necessary, including actions taken, to demonstrate conformance with the affected source's startup, shutdown, and malfunction plan (see 40 CFR 63.6(e)(3)) when all actions taken during periods of startup or shutdown (and the startup or shutdown causes the source to exceed any applicable emission limitation in the relevant emission standards), and malfunction (including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation) are consistent with the procedures specified in such plan. (The information needed to demonstrate conformance with the startup, shutdown, and malfunction plan may be recorded using a "checklist," or some other effective form of recordkeeping, in order to minimize the recordkeeping burden for conforming events);</p> <p>Each period during which a CMS is malfunctioning or inoperative (including out-of-control periods);</p> <p>All required measurements needed to demonstrate compliance with a relevant standard (including, but not limited to, 15-minute averages of CMS data, raw performance testing measurements, and raw performance evaluation measurements, that support data that the source is required to report);</p> <p>All results of performance tests, CMS performance evaluations, and opacity and visible emission observations;</p> <p>All measurements as may be necessary to determine the conditions of performance tests and</p>

Section	Subject	Summary of Section Requirements
		<p>performance evaluations;</p> <p>All CMS calibration checks;</p> <p>All adjustments and maintenance performed on CMS;</p> <p>All emission levels relative to the criterion for obtaining permission to use an alternative to the relative accuracy test, if the source has been granted such permission under 40 CFR 63.8(f)(6); and</p> <p>All documentation supporting initial notifications and notifications of compliance status under 40 CFR 63.9.</p> <ul style="list-style-type: none"> <li>• If an permittee determines that his or her stationary source that emits one or more HAP, and that stationary source is in the source category regulated by the relevant standard, but that source is not subject to a relevant standard because of limitations on the source's potential to emit or an exclusion, the permittee must keep a record of the applicability determination on site at the source for a period of 5 years after the determination, or until the source changes its operations to become an affected source, whichever comes first in accordance with 40 CFR 63.10(b).</li> </ul>

[40 CFR 63, Subpart A]

### ***Incorporation of Federal Requirements by Reference***

2.19 Unless expressly provided otherwise, any reference in this permit to any document identified in IDAPA 58.01.01.107.03 shall constitute the full incorporation into this permit of that document for the purposes of the reference, including any notes and appendices therein. Documents include, but are not limited to:

- Standards of Performance for New Stationary Sources (NSPS), 40 CFR Part 60
- National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61
- National Emission Standards for Hazardous Air Pollutants for Source Categories (NESHAP), 40 CFR Part 63

For permit conditions referencing or cited in accordance with any document incorporated by reference (including permit conditions identified as NSPS or NESHAP), should there be any conflict between the requirements of the permit condition and the requirements of the document, the requirements of the document shall govern, including any amendments to that regulation.

### 3. UNITS 1, 2, AND 3: RECIPROCATING IC ENGINES

#### **Summary Description**

Three natural gas-fired IC engines, Units 1, 2, and 3 are used to power natural gas compressors at this facility. Units 1, 2, and 3 are Ingersoll-Rand, model 412-KVS, 4-stroke lean burn IC engines that are each rated at a maximum of 1,885 hp. These three IC engines were installed at the facility in 1956.

Table 3.1 describes the devices used to control emissions from Units 1, 2, and 3, the reciprocating IC engines.

**Table 3.1 EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES**

Emissions Unit / Process	Emissions Control Device
Unit 1: Ingersoll-Rand model 412-KVS/ reciprocating IC engine	None
Unit 2: Ingersoll-Rand model 412-KVS / reciprocating IC engine	None
Unit 3: Ingersoll-Rand model 412-KVS / reciprocating IC engine	None

#### **Operating Requirements**

- 3.1 Only natural gas shall be combusted in the reciprocating IC engines, Units 1, 2, and 3.  
[IDAPA 58.01.01.322.01, 3/19/99]

#### **Monitoring and Recordkeeping Requirements**

- 3.2 The permittee shall monitor and record the monthly fuel consumption (scf) and/or monthly operating hours for the reciprocating engines, Units 1, 2, and 3. Records shall be maintained in accordance with the facility-wide Monitoring and Recordkeeping permit condition.

If fuel consumption is monitored:

- The fuel flow meter shall be calibrated once each year. The date and time of each calibration and any maintenance performed on the fuel meters shall also be recorded. Each calendar month record the fuel consumption for the most recent 12-month period. The annual NO<sub>x</sub> emissions shall be calculated monthly for the most recent 12-month period, based on the latest emission test results.

If monthly hours of operation are monitored:

- Each calendar month, record the hours of operation for the most recent 12-month period. The annual NO<sub>x</sub> emissions shall be calculated monthly for the most recent 12-month period, based on the latest emission test results.

[IDAPA 58.01.01.322.06 and 07, 5/1/94]

#### **40 CFR 63 Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

##### **3.3 Affected Source - What parts of my plant does this subpart cover?**

In accordance with 40 CFR 63.6590, Units 1, 2, and 3 are existing stationary reciprocating internal combustion engines (RICE) located at an area source of HAP emissions because each engine has a site rating greater than 500 hp and commenced construction prior to June 12, 2006.

[40 CFR 63.6590]

##### **3.4 Compliance Date - When do I have to comply with this subpart?**

In accordance with 40 CFR 63.6595, for an existing stationary spark ignition RICE located at an area source of HAP emissions, the permittee shall comply with the applicable operating limitations no later than October 19, 2013.

[40 CFR 63.6595]

## **Operating Requirements**

### **3.5 Emission Limitations and Operating Limitations - What emission limitations and operating limitations must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

In accordance with 40 CFR 63.6603, the permittee shall comply with the requirements in Table 2d and the operating limitations in Table 1b and Table 2b to this subpart. They are listed as follows:

- a. Limit the concentration of CO in the stationary RICE exhaust to 47 ppmvd at 15 percent O<sub>2</sub> or
- b. Reduce CO emissions by 93 percent or more.
- c. Maintain your catalyst so that the pressure drop across the catalyst does not change by more than 2 inches of water at 100 percent load plus or minus 10 percent from the pressure drop across the catalyst that was measured during the initial performance test; and
- d. Maintain the temperature of your stationary RICE exhaust so that the catalyst inlet temperature is greater than or equal to 450 °F and less than or equal to 1350 °F.<sup>1</sup>

<sup>1</sup> - Sources can petition the Administrator pursuant to the requirements of 40 CFR 63.8(g) for a different temperature range.

[40 CFR 63.6603]

### **3.6 General Requirements - What are my general requirements for complying with this subpart?**

In accordance with 40 CFR 63.6605 (a), the permittee shall be in compliance with the operating limitations in this subpart that apply to the permittee at all times.

In accordance with 40 CFR 63.6605 (b), the permittee at all times shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

[40 CFR 63.6605]

### **3.7 Initial Performance Tests - By what date must I conduct the initial performance tests or other initial compliance demonstrations if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

In accordance with 40 CFR 63.6612 (a), the permittee shall conduct any initial performance test or other initial compliance demonstration according to Tables 4 and 5 to this subpart within 180 days after the compliance date of October 19, 2013. In order to comply with the requirement to reduce CO emissions, the permittee shall:

- a. Measure the O<sub>2</sub> at the inlet and outlet of the control device using a portable CO and O<sub>2</sub> analyzer according to the requirements in ASTM D6522-00 (2005)<sup>a</sup> (incorporated by reference, see §63.14).
- b. Measurements to determine O<sub>2</sub> must be made at the same time as the measurements for CO concentration.
- c. Measure the CO at the inlet and the outlet of the control device using a portable CO and O<sub>2</sub> analyzer according to the requirements in ASTM D6522-00 (2005)<sup>ab</sup> (incorporated by reference, see §63.14) or Method 10 of 40 CFR appendix A.
- d. Calculate the CO concentration at 15 percent O<sub>2</sub> on a dry basis.

- e. Reduce CO emissions using an oxidation catalyst and using a CPMS (continuous parameter monitoring system).

[40 CFR 63.6612]

**3.8 Subsequent Performance Tests – When must I conduct subsequent performance tests?**

In accordance with 40 CFR 63.6615, the permittee shall conduct subsequent performance tests as specified in Table 3 to this subpart. In complying with the requirement to limit or reduce CO emissions, the permittee shall conduct subsequent performance tests every 8,760 hours or 3 years, whichever comes first.

[40 CFR 63.6615]

**3.9 Performance Tests – What performance tests and other procedures must I use?**

- 3.9.1 In accordance with 40 CFR 63.6620 (a), the permittee shall conduct each performance test in Table 3 and 4 to this subpart that applies as outlined in Permit Conditions 3.7 and 3.8 of this Tier I Operating Permit.
- 3.9.2 In accordance with 40 CFR 63.6620 (b), the permittee shall perform each performance test according to the requirements specified in Table 4 to this subpart as outlined in Permit Condition 3.8 of this Tier I Operating Permit.
- 3.9.3 In accordance with 40 CFR 63.6620 (d), the permittee shall conduct three separate test runs for each performance test required. Each test run must last at least one hour.
- 3.9.4 In accordance with 40 CFR 63.6620 (e)(1), the permittee shall use the following equation to determine compliance with the percent reduction requirement.

$$[(C_i - C_o) \div C_i] \times 100 = R \text{ (Equation 1)}$$

Where:  $C_i$  = concentration of CO or formaldehyde at the control device inlet,  $C_o$  = concentration of CO or formaldehyde at the control device outlet, and R = percent reduction of CO or formaldehyde emissions.

- 3.9.5 In accordance with 40 CFR 63.6620 (e)(2), the permittee shall normalize the carbon monoxide concentrations at the inlet and outlet of the control device to a dry basis and to 15 percent oxygen, or an equivalent percent carbon dioxide (CO<sub>2</sub>).
- 3.9.6 In accordance with 40 CFR 63.6620 (i), the permittee shall determine the engine percent load during a performance test by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. A written report of the average percent load determination must be included in the notification of compliance status. The following information must be included in the written report: the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, the model number of the measurement device, and an estimate of its accurate in percentage of true value must be provided.

[40 CFR 63.6620]

**3.10 Requirements - What are my monitoring, installation, collection, operation, and maintenance requirements?**

- 3.10.1 In accordance with 40 CFR 63.6625 (b), the permittee shall install a continuous parameter monitoring system (CPMS) as specified in Table 5 to this subpart and must install, operate, and maintain each CPMS according to the requirements in permit conditions 3.10.2 through 3.10.8.

- 3.10.2 In accordance with 40 CFR 63.6625 (b)(1), the permittee shall prepare a site-specific monitoring plan that addresses the monitoring system design, data collection, and the quality assurance and quality control elements outlined below. As specified in §63.8(f)(4), the permittee may request approval of monitoring system quality assurance and quality control procedures alternative to those specified in below in your site-specific monitoring plan.
- a. The performance criteria and design specifications for the monitoring system equipment, including the sample interface, detector signal analyzer, and data acquisition and calculations
  - b. Sampling interface ( e.g., thermocouple) location such that the monitoring system will provide representative measurements
  - c. Equipment performance evaluations, system accuracy audits, or other audit procedures
  - d. Ongoing operation and maintenance procedures in accordance with provisions in §63.8(c)(1) and (c)(3)
  - e. Ongoing reporting and recordkeeping procedures in accordance with provisions in §63.10(c), (e)(1), and (e)(2)(i).
- 3.10.3 In accordance with 40 CFR 63.6625 (b)(2), the permittee shall install, operate, and maintain each CPMS in continuous operation according to the procedures in the site-specific monitoring plan .
- 3.10.4 In accordance with 40 CFR 63.6625 (b)(3), the permittee shall collect CPMS data at least once every 15 minutes.
- 3.10.5 In accordance with 40 CFR 63.6625 (b)(4), for measuring temperature range on the CPMS, the permittee shall have a temperature sensor with a minimum tolerance of 2.8 degrees Celsius (5 degrees Fahrenheit) or 1 percent of the measurement range, whichever is larger.
- 3.10.6 In accordance with 40 CFR 63.6625 (b)(5), the permittee must conduct the CPMS equipment performance evaluation, system accuracy audits, or other audit procedures specified in the site-specific monitoring plan at least annually.
- 3.10.7 In accordance with 40 CFR 63.6625 (b)(5), the permittee must conduct a performance evaluation of each CPMS in accordance with the site-specific monitoring plan.
- 3.10.8 In accordance with 40 CFR 63.6625 (e), the permittee must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.
- 3.10.9 In accordance with 40 CFR 63.6625 (h), the permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

## ***Reporting Requirements***

### **3.11 Initial Compliance - How do I demonstrate initial compliance with the emission limitations and operating limitations?**

In accordance with 40 CFR 63.6630(a), (b), and (c), the permittee shall demonstrate initial compliance with each emission and operating limitation that applies according to Table 5 to this subpart as listed under Permit Condition 3.7. During the initial performance test, the permittee must establish each operating limitation in Table 2b to this subpart as listed under Permit Condition 3.5. The permittee must submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in §63.6645.

**[40 CFR 63.6630]**

**3.12 Data - How do I monitor and collect data to demonstrate continuous compliance?**

- 3.12.1 In accordance with 40 CFR 63.6635(a), the permittee must monitor and collect data.
- 3.12.2 In accordance with 40 CFR 63.6635(b), the permittee must monitor continuously at all times that the stationary RICE is operating except for monitor malfunctions, associated repairs, required performance evaluations, and required quality assurance or control activities. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.
- 3.12.3 In accordance with 40 CFR 63.6635(c), the permittee may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels. The permittee must, however, use all the valid data collected during all other periods.

[40 CFR 63.6635]

**3.13 Compliance - How do I demonstrate continuous compliance with the emission limitations and operating limitations?**

- 3.13.1 In accordance with 40 CFR 63.6640(a), the permittee shall demonstrate continuous compliance with each emission limitation and operating limitation in Tables 2b and 2d to this subpart listed under Permit Condition 3.5.
- 3.13.2 In accordance with 40 CFR 63.6640(b), the permittee shall report each instance in which each emission limitation or operating limitation in Tables 2b and 2d to this subpart were not met as listed under Permit Condition 3.5.
- 3.13.3 In accordance with 40 CFR 63.6640(e), the permittee shall report each instance in which the permittee did not meet the requirements in Table 8 to this subpart that apply to the permittee. Table 8 is the Applicability of General Provisions to Subpart ZZZZ.

[40 CFR 63.6640]

**3.14 Notifications – What notifications must I submit and when?**

- 3.14.1 In accordance with 40 CFR 63.6645(g), the permittee shall submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required in §63.7(b)(1).
- 3.14.2 In accordance with 40 CFR 63.6645(h), the permittee shall submit a Notification of Compliance Status according to §63.9(h)(2)(ii).
- 3.14.3 In accordance with 40 CFR 63.6645(h)(2), the permittee shall submit the Notification of Compliance Status, including the performance test results, before the close of business on the 60th day following the completion of the performance test according to §63.10(d)(2).

[40 CFR 63.6645]

**3.15 Reports – What reports must I submit and when?**

- 3.15.1 In accordance with 40 CFR 63.6650(b)(1), the permittee shall, for semiannual Compliance reports, submit the first Compliance report covering the period beginning on the compliance date that is specified and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after the compliance date.
- 3.15.2 In accordance with 40 CFR 63.6650(b)(2), the permittee shall ensure, for semiannual Compliance reports, that the first Compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the first calendar half after the compliance date.

- 3.15.3 In accordance with 40 CFR 63.6650(b)(3), the permittee shall ensure, for semiannual Compliance reports, each subsequent Compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
- 3.15.4 In accordance with 40 CFR 63.6650(b)(4), the permittee shall ensure, for semiannual Compliance reports, each subsequent Compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.
- 3.15.5 In accordance with 40 CFR 63.6650(b)(5), the permittee is subject to permitting regulations pursuant to 40 CFR part 70 or 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6 (a)(3)(iii)(A), the permittee may submit the first and subsequent Compliance reports according to the dates the permitting authority has established instead of according to the dates listed.
- 3.15.6 In accordance with 40 CFR 63.6650(b)(6), the permittee shall ensure, for annual Compliance reports, the first Compliance report must cover the period beginning on the compliance date that is specified ending on December 31.
- 3.15.7 In accordance with 40 CFR 63.6650(b)(7), the permittee shall ensure, for annual Compliance reports, the first Compliance report must be postmarked or delivered no later than January 31 following the end of the first calendar year after the compliance date.
- 3.15.8 In accordance with 40 CFR 63.6650(b)(8), the permittee shall ensure, for annual Compliance reports, each subsequent Compliance report must cover the annual reporting period from January 1 through December 31.
- 3.15.9 In accordance with 40 CFR 63.6650(b)(9), the permittee shall ensure, for annual Compliance reports, each subsequent Compliance report must be postmarked or delivered no later than January 31.
- 3.15.10 In accordance with 40 CFR 63.6650(c), the permittee's Compliance report must contain the following:
  - a. Company name and address
  - b. Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report
  - c. Date of report and beginning and ending dates of the reporting period
  - d. If a malfunction occurred during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by the permittee during a malfunction to minimize emissions including actions taken to correct a malfunction.
  - e. If there are no deviations from any emission or operating limitations that apply to you, a statement that there were no deviations from the emission or operating limitations during the reporting period.
  - f. If there were no periods during which the continuous monitoring system (CMS), including CEMS and CPMS, was out-of-control, a statement that there were no periods during which the CMS was out-of-control during the reporting period

[40 CFR 63.6650]

## ***Recordkeeping Requirements***

### **3.16 Records - What records must I keep?**

- 3.16.1 In accordance with 40 CFR 63.6655(a), the permittee shall keep the following records:
  - a. A copy of each notification and report that is submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that is submitted.

- b. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
  - c. Records of performance tests and performance evaluations.
  - d. Records of all required maintenance performed on the air pollution control and monitoring equipment.
  - e. Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.
- 3.16.2 In accordance with 40 CFR 63.6655 (b), the permittee shall keep the following records for each CEMS or CPMS:
- a. Records described in §63.10(b)(2)(vi) through (xi).
  - b. Previous (i.e., superseded) versions of the performance evaluation plan as required in §63.8(d)(3).
- 3.16.3 In accordance with 40 CFR 63.6655 (d), the permittee shall keep the records required in Table 6 to this subpart or Permit Condition 3.10.8 to show compliance with each emission or operating limitation.
- 3.16.4 In accordance with 40 CFR 63.6655 (e), the permittee shall keep the records of the maintenance conducted on the stationary RICE in order to demonstrate that the permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to the permittee's own maintenance plan.

**[40 CFR 63.6655]**

**3.17 Records - In what form and how long must I keep my records?**

- 3.17.1 In accordance with 40 CFR 63.6660 (a), the permittee shall keep the records in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1).
- 3.17.2 In accordance with 40 CFR 63.6660 (b), the permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
- 3.17.3 In accordance with 40 CFR 63.6660 (c), the permittee shall keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1).

**[40 CFR 63.6660]**

**3.18 Other Requirements - What parts of the General Provisions apply to me?**

In accordance with 40 CFR 63.6665, the permittee is subject to Table 8 to this subpart that shows which parts of the General Provisions in 40 CFR 63.1 through 63.15 apply.

**[40 CFR 63.6665]**

#### 4. UNIT 4: EMERGENCY GENERATOR RECIPROCATING IC ENGINE

##### **Summary Description**

Unit 4 is a Cummins natural gas engine, model GTA855A, 4-stroke rich burn IC engine rated at a maximum of 292 hp. This IC engine was installed at the facility in 1996.

Table 4.1 describes the devices used to control emissions from Unit 4, the emergency generator reciprocating IC engine.

Table 4.1 EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES

Emissions Unit / Process	Emissions Control Device
Unit 4: Cummins model GTA855A/ reciprocating IC engine	None

##### **Operating Requirements**

- 4.1 Only natural gas shall be combusted in the reciprocating IC engine, Unit 4. [IDAPA 58.01.01.322.01, 3/19/99]

##### **Monitoring and Recordkeeping Requirements**

- 4.2 The permittee shall monitor and record the monthly fuel consumption (scf) and/or monthly operating hours for the reciprocating engine, Unit 4. Records shall be maintained in accordance with the facility-wide Monitoring and Recordkeeping permit condition.

If fuel consumption is monitored:

- The fuel flow meter shall be calibrated once each year. The date and time of each calibration and any maintenance performed on the fuel meters shall also be recorded. Each calendar month record the fuel consumption for the most recent 12-month period. The annual NO<sub>x</sub> emissions shall be calculated monthly for the most recent 12-month period, based on the latest emission test results.

If monthly hours of operation are monitored:

- Each calendar month, record the hours of operation for the most recent 12-month period. The annual NO<sub>x</sub> emissions shall be calculated monthly for the most recent 12-month period, based on the latest emission test results.

[IDAPA 58.01.01.322.06 and 07, 5/1/94]

#### **40 CFR 63 Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

##### **4.3 Affected Source - What parts of my plant does this subpart cover?**

In accordance with 40 CFR 63.6590, Unit 4 is an existing stationary reciprocating internal compression engines (RICE) located at an area source of HAP emissions because the engine commenced construction prior to June 12, 2006.

[40 CFR 63.6590]

##### **4.4 Compliance Date - When do I have to comply with this subpart?**

In accordance with 40 CFR 63.6595, for an existing stationary spark ignition RICE located at an area source of HAP emissions, the permittee shall comply with the applicable operating limitations no later than October 19, 2013.

[40 CFR 63.6595]

## **Operating Requirements**

### **4.5 Operating Limitations - What emission limitations and operating limitations must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

In accordance with 40 CFR 63.6603, the permittee shall comply with the requirements in Table 2d and the operating limitations in Table 1b and Table 2b to this subpart. They are listed as follows:

- a. Change the oil and filter every 500 hours of operation or annually, whichever comes first;
- b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first; and
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

[40 CFR 63.6603]

### **4.6 General Requirements - What are my general requirements for complying with this subpart?**

In accordance with 40 CFR 63.6605 (a), the permittee shall be in compliance with the operating limitations in this subpart that apply to the permittee at all times.

In accordance with 40 CFR 63.6605 (b), the permittee at all times shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

[40 CFR 63.6605]

### **4.7 Requirements - What are my monitoring, installation, collection, operation, and maintenance requirements?**

- 4.7.1 In accordance with 40 CFR 63.6625 (e), the permittee must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.
- 4.7.2 In accordance with 40 CFR 63.6625 (f), the permittee shall install a non-resettable hour meter if one is not already installed.
- 4.7.3 In accordance with 40 CFR 63.6625 (h), the permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.
- 4.7.4 In accordance with 40 CFR 63.6625 (j), the permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Table 2d to this subpart (in Permit Condition 4.5 or 40 CFR 63.6603.) The oil analysis must be performed at the same frequency specified for changing the oil in Table 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of

receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The permittee shall keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.

[40 CFR 63.6625]

## **Reporting Requirements**

### **4.8 Compliance - How do I demonstrate continuous compliance with the emission limitations and operating limitations?**

- 4.8.1 In accordance with 40 CFR 63.6640(a), the permittee shall demonstrate continuous compliance with each emission limitation and operating limitation in Tables 2b and 2d listed under Permit Condition 4.5.
- 4.8.2 In accordance with 40 CFR 63.6640(b), the permittee shall report each instance in which the operating limitations in Table 2d were not met as listed under Permit Condition 4.5.
- 4.8.3 In accordance with 40 CFR 63.6640(e), the permittee shall report each instance in which the permittee did not meet the requirements in Table 8 to this subpart that apply to the permittee. Table 8 is the Applicability of General Provisions to Subpart ZZZZ.
- 4.8.4 In accordance with 40 CFR 63.6640(f), the permittee must operate according to the following requirements. Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described below, is prohibited. If the permittee does not operate the engine according to the following requirements in paragraphs, the engine will not be considered an emergency engine under the subpart and will need to meet all requirements for non-emergency engines.
- a. There is no time limit on the use of emergency stationary RICE in emergency situations.
  - b. The permittee may operate the emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency RICE beyond 100 hours per year.
  - c. The permittee may operate the emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity; except that owners and operators may operate the emergency engine for a maximum of 15 hours per year as part of a demand response program if the regional transmission organization or equivalent balancing authority and transmission operator has determined there are emergency conditions that could lead to a potential electrical blackout, such as unusually low frequency, equipment overload, capacity or energy deficiency, or unacceptable voltage level. The engine may not be operated for more than 30 minutes prior to the time when the emergency condition is expected to occur, and the engine operation must be terminated immediately after the facility is notified that the emergency condition is no longer imminent. The 15 hours per year of demand response operation are counted as part of the 50 hours of operation per year provided for non-emergency situations. The supply of emergency power to another entity or entities pursuant to financial arrangement is not limited by this paragraph (f)(1)(iii), as long as the power provided by the financial arrangement is limited to emergency power.

[40 CFR 63.6640]

## ***Recordkeeping Requirements***

### **4.9 Records - What records must I keep?**

- 4.9.1 In accordance with 40 CFR 63.6655(a), the permittee shall keep the following records:
- a. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
  - b. Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.
- 4.9.2 In accordance with 40 CFR 63.6655 (d), the permittee shall keep the records required in Table 6 to this subpart or Permit Condition 4.7.1 to show compliance with each emission or operating limitation.
- 4.9.3 In accordance with 40 CFR 63.6655 (e), the permittee shall keep the records of the maintenance conducted on the stationary RICE in order to demonstrate that the permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to the permittee's own maintenance plan.

**[40 CFR 63.6655]**

### **4.10 Records - In what form and how long must I keep my records?**

- 4.10.1 In accordance with 40 CFR 63.6660 (a), the permittee shall keep the records in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1).
- 4.10.2 In accordance with 40 CFR 63.6660 (b), the permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
- 4.10.3 In accordance with 40 CFR 63.6660 (c), the permittee shall keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1).

**[40 CFR 63.6660]**

### **4.11 Other Requirements - What parts of the General Provisions apply to me?**

In accordance with 40 CFR 63.6665, the permittee is subject to Table 8 to this subpart that shows which parts of the General Provisions in 40 CFR 63.1 through 63.15 apply.

**[40 CFR 63.6665]**

## 5. INSIGNIFICANT ACTIVITIES

Activities and emission units identified as insignificant under IDAPA 58.01.01.317.01(b) are listed in Table 5.1 to qualify for a permit shield.

**Table 5.1 INSIGNIFICANT ACTIVITIES**

Description	Insignificant Activities IDAPA 58.01.01.317.01(b)(I) Citation
Boiler, 3.6 MMBtu/hr	b.i.(5)
Space Heaters, < 0.5 MMBtu/hr	b.i.(18)
Natural gas pipeline and fuel system	b.i.(30)

- 5.1 There are no monitoring, recordkeeping, or reporting requirements for insignificant emission units or activities beyond those required in the Facility-wide Permit Conditions.

## 6. TIER I OPERATING PERMIT GENERAL PROVISIONS

### *General Compliance*

1. The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application.  
[IDAPA 58.01.01.322.15.a, 5/1/94; 40 CFR 70.6(a)(6)(i)]
2. It shall not be a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the terms and conditions of this permit.  
[IDAPA 58.01.01.322.15.b, 5/1/94; 40 CFR 70.6(a)(6)(ii)]
3. Any permittee who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information.  
[IDAPA 58.01.01.315.01, 5/1/94; 40 CFR 70.5(b)]

### *Reopening*

4. This permit may be revised, reopened, revoked and reissued, or terminated for cause. Cause for reopening exists under any of the circumstances listed in IDAPA 58.01.01.386. Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable in accordance with IDAPA 58.01.01.360 through 369.  
[IDAPA 58.01.01.322.15.c, 5/1/94; IDAPA 58.01.01.386, 3/19/99; 40 CFR 70.7(f)(1), (2); 40 CFR 70.6(a)(6)(iii)]
5. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.  
[IDAPA 58.01.01.322.15.d, 5/1/94; 40 CFR 70.6(a)(6)(iii)]

### *Property Rights*

6. This permit does not convey any property rights of any sort, or any exclusive privilege.  
[IDAPA 58.01.01.322.15.e, 5/1/94; 40 CFR 70.6(a)(6)(iv)]

### *Information Requests*

7. The permittee shall furnish all information requested by DEQ, within a reasonable time, that DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit.  
[Idaho Code §39-108; IDAPA 58.01.01.122, 4/5/00; IDAPA 58.01.01.322.15.f, 4/5/00; 40 CFR 70.6(a)(6)(v)]
8. Upon request, the permittee shall furnish to DEQ copies of records required to be kept by this permit. For information claimed to be confidential, the permittee may furnish such records along with a claim of confidentiality in accordance with Idaho Code §9-342A and applicable implementing regulations including IDAPA 58.01.01.128.  
[IDAPA 58.01.01.322.15.g, 5/1/94; IDAPA 58.01.01.128, 4/5/00; 40 CFR 70.6(a)(6)(v)]

## **Severability**

9. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

[IDAPA 58.01.01.322.15.h, 5/1/94; 40 CFR 70.6(a)(5)]

## **Changes Requiring Permit Revision or Notice**

10. The permittee may not commence construction or modification of any stationary source, facility, major facility, or major modification without first obtaining all necessary permits to construct or an approval under IDAPA 58.01.01.213, or complying with IDAPA 58.01.01.220 through 223. The permittee shall comply with IDAPA 58.01.01.380 through 386 as applicable.

[IDAPA 58.01.01.200-223, 4/2/08; IDAPA 58.01.01.322.15.i, 3/19/99; IDAPA 58.01.01.380-386, 7/1/02; 40 CFR 70.4(b)(12), (14), (15), and 70.7(d), (e)]

11. Changes that are not addressed or prohibited by the Tier I operating permit require a Tier I operating permit revision if such changes are subject to any requirement under Title IV of the CAA, 42 U.S.C. Section 7651 through 7651c, or are modifications under Title I of the CAA, 42 U.S.C. Section 7401 through 7515. Administrative amendments (IDAPA 58.01.01.381), minor permit modifications (IDAPA 58.01.01.383), and significant permit modifications (IDAPA 58.01.01.382) require a revision to the Tier I operating permit. IDAPA 58.01.01.502(b)(10) changes are authorized in accordance with IDAPA 58.01.01.384. Off-permit changes and required notice are authorized in accordance with IDAPA 58.01.01.385.

[IDAPA 58.01.01.381-385, 7/1/02; IDAPA 58.01.01.209.05, 4/11/06; 40 CFR 70.4(b)(14) and (15)]

## **Federal and State Enforceability**

12. Unless specifically identified as a “State-only” provision, all terms and conditions in this permit, including any terms and conditions designed to limit a source’s potential to emit, are enforceable: (i) by DEQ in accordance with state law; and (ii) by the United States or any other person in accordance with federal law.

[IDAPA 58.01.01.322.15.j, 5/1/94; 40 CFR 70.6(b)(1) and (2)]

13. Provisions specifically identified as a “State-only” provision are enforceable only in accordance with state law. “State-only” provisions are those that are not required under the Federal Clean Air Act or under any of its applicable requirements or those provisions adopted by the state prior to federal approval.

[Idaho Code §39-108; IDAPA 58.01.01.322.15.k, 3/23/98]

## **Inspection and Entry**

14. Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:
- Enter upon the permittee’s premises where a Tier I source is located or emissions related activity is conducted, or where records are kept under conditions of this permit;
  - Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
  - Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and

- d. As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

**[Idaho Code §39-108; IDAPA 58.01.01.322.15.I, 5/1/94; 40 CFR 70.6(c)(2)]**

### ***New Requirements During Permit Term***

15. The permittee shall comply with applicable requirements that become effective during the permit term on a timely basis.

**[IDAPA 58.01.01.322.10, 4/5/00; IDAPA 58.01.01.314.10.a.ii, 5/1/94;  
40 CFR 70.6(c)(3) citing 70.5(c)(8)]**

### ***Fees***

16. The owner or operator of a Tier I source shall pay annual registration fees to DEQ in accordance with IDAPA 58.01.01.387 through IDAPA 58.01.01.397.

**[IDAPA 58.01.01.387, 4/2/03; 40 CFR 70.6(a)(7)]**

### ***Certification***

17. All documents submitted to DEQ shall be certified in accordance with IDAPA 58.01.01.123 and comply with IDAPA 58.01.01.124.

**[IDAPA 58.01.01.322.15.o, 5/1/94; 40 CFR 70.6(a)(3)(iii)(A); 40 CFR 70.5(d)]**

### ***Renewal***

18. a. The owner or operator of a Tier I source shall submit an application to DEQ for a renewal of this permit at least six months before, but no earlier than 18 months before, the expiration date of this operating permit. To ensure that the term of the operating permit does not expire before the permit is renewed, the owner or operator is encouraged to submit a renewal application nine months prior to the date of expiration.

**[IDAPA 58.01.01.313.03, 4/5/00; 40 CFR 70.5(a)(1)(iii)]**

- b. If a timely and complete application for a Tier I operating permit renewal is submitted, but DEQ fails to issue or deny the renewal permit before the end of the term of this permit, then all the terms and conditions of this permit including any permit shield that may have been granted pursuant to IDAPA 58.01.01.325 shall remain in effect until the renewal permit has been issued or denied.

**[IDAPA 58.01.01.322.15.p, 5/1/94; 40 CFR 70.7(b)]**

### ***Permit Shield***

19. Compliance with the terms and conditions of the Tier I operating permit, including those applicable to all alternative operating scenarios and trading scenarios, shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:

- a. Such applicable requirements are included and are specifically identified in the Tier I operating permit; or
- i. DEQ has determined that other requirements specifically identified are not applicable and all of the criteria set forth in IDAPA 58.01.01.325.01(b) have been met.
- b. The permit shield shall apply to permit revisions made in accordance with IDAPA 58.01.01.381.04 (administrative amendments incorporating the terms of a permit to construct), IDAPA 58.01.01.382.04 (significant modifications), and IDAPA 58.01.01.384.03 (trading under an emissions cap).
- c. Nothing in this permit shall alter or affect the following:

- i. Any administrative authority or judicial remedy available to prevent or terminate emergencies or imminent and substantial dangers;
- ii. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of the acid rain program, consistent with 42 U.S.C. Section 7651(g)(a); and
- iv. The ability of EPA to obtain information from a source pursuant to Section 114 of the CAA; or the ability of DEQ to obtain information from a source pursuant to Idaho Code §39-108 and IDAPA 58.01.01.122.

**[Idaho Code §39-108 and 112; IDAPA 58.01.01.122, 4/5/00;  
IDAPA 58.01.01.322.15.m, 325.01, 5/1/94; IDAPA 58.01.01.325.02, 3/19/99;  
IDAPA 58.01.01.381.04, 382.04, 383.05, 384.03, 385.03, 3/19/99; 40 CFR 70.6(f)]**

### ***Compliance Schedule and Progress Reports***

20. a. For each applicable requirement for which the source is not in compliance, the permittee shall comply with the compliance schedule incorporated in this permit.
- b. For each applicable requirement that will become effective during the term of this permit and that provides a detailed compliance schedule, the permittee shall comply with such requirements in accordance with the detailed schedule.
- c. For each applicable requirement that will become effective during the term of this permit that does not contain a more detailed schedule, the permittee shall meet such requirements on a timely basis.
- d. For each applicable requirement with which the permittee is in compliance, the permittee shall continue to comply with such requirements.
- [IDAPA 58.01.01.322.10, 4/5/00; IDAPA 58.01.01.314.9, 5/1/94; IDAPA 58.01.01.314.10, 4/5/00;  
40 CFR 70.6(c)(3) and (4)]**

### ***Periodic Compliance Certification***

21. The permittee shall submit compliance certifications during the term of the permit for each emissions unit to DEQ and the EPA as follows:
- a. The compliance certifications for all emissions units shall be submitted annually from January 1 – December 31 or more frequently if specified by the underlying applicable requirement or elsewhere in this permit by DEQ.
  - b. The initial compliance certification for each emissions unit shall address all of the terms and conditions contained in the Tier I operating permit that are applicable to such emissions unit including emissions limitations, standards, and work practices;
  - c. The compliance certification shall be in an itemized form providing the following information (provided that the identification of applicable information may cross-reference the permit or previous reports as applicable):
    - i. The identification of each term or condition of the Tier I operating permit that is the basis of the certification;
    - ii. The identification of the method(s) or other means used by the owner or operator for determining the compliance status with each term and condition during the certification period. Such methods and other means shall include, at a minimum, the methods and means required under Subsections 322.06, 322.07, and 322.08;

- iii. The status of compliance with the terms and conditions of the Tier I operating permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in Subsection 322.11.c.ii. above. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 occurred; and
  - iv. Such information as the Department may require to determine the compliance status of the emissions unit.
- d. All original compliance certifications shall be submitted to DEQ and a copy of all compliance certifications shall be submitted to the EPA.

[IDAPA 58.01.01.322.11, 4/6/05; 40 CFR 70.6(c)(5)(iii) as amended, 62 Fed. Reg. 54900, 54946 (10/22/97); 40 CFR 70.6(c)(5)(iv)]

### ***False Statements***

22. No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

### ***No Tampering***

23. No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

### ***Semiannual Monitoring Reports***

24. In addition to all applicable reporting requirements identified in this permit, the permittee shall submit reports of any required monitoring at least every six months. The permittee's semiannual reporting periods shall be from January 1 to June 30 and July 1 to December 31. All instances of deviations from this operating permit's requirements must be clearly identified in the report. The semiannual reports shall be submitted to DEQ within 30 days of the end of the specified reporting period.

[IDAPA 58.01.01.322.15.q, 3/23/98; IDAPA 58.01.01.322.08.c, 4/5/00; 40 CFR 70.6(a)(3)(iii)]

### ***Reporting Deviations and Excess Emissions***

25. The permittee shall promptly report all deviations from permit requirements including upset conditions, their probable cause, and any corrective actions or preventive measures taken. For excess emissions, the report shall be made in accordance with IDAPA 58.01.01.130-136. For all other deviations, the report shall be made in accordance with IDAPA 58.01.01.322.08.c, unless otherwise specified in this permit.

[IDAPA 58.01.01.322.15.q, 3/23/98; IDAPA 58.01.01.135, 4/11/06; 40 CFR 70.6(a)(3)(iii)]

### ***Permit Revision Not Required***

26. No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit.

[IDAPA 58.01.01.322.05.b, 4/5/00; 40 CFR 70.6(a)(8)]

## ***Emergency***

27. In accordance with IDAPA 58.01.01.332, an “emergency,” as defined in IDAPA 58.01.01.008, constitutes an affirmative defense to an action brought for noncompliance with such technology-based emissions limitation if the conditions of IDAPA 58.01.01.332.02 are met.”

**[IDAPA 58.01.01.332.01, 4/5/00; 40 CFR 70.6(g)]**