



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502  
www.deq.idaho.gov

C.L. "Butch" Otter, Governor  
John H. Tippetts, Director

April 2, 2018

Curt Snyder, Plant Manager  
Lamb Weston, Inc. - Twin Falls Plant  
P.O Box 128  
Twin Falls, ID 83303-0128

RE: Facility ID No. 083-00062, Lamb Weston, Inc. - Twin Falls Plant, Twin Falls  
Final Permit Letter

Dear Mr. Snyder:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2011.0120 Project 61528 to Lamb Weston, Inc. - Twin Falls Plant located at Twin Falls to fulfill the requirements in the consent order signed on September 9, 2014, to update source information to include improved fryer emissions controls, to establish a facility-wide VOC emissions limit to keep a synthetic minor source status, to change compliance demonstration methods, to include the two anaerobic digesters with a flare, and to update some permit conditions. This PTC is issued in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho) and is based on the certified information provided in your PTC application received June 2, 2015 and February 28, 2017 and on all relevant comments received on DEQ's proposed permit during the public comment period.

This permit is effective immediately and replaces PTC No. P-2011.0120, issued on May 4, 2012 for the potato processing plant and PTC No. P 2017.0026, issued on May 12, 2017 for the wastewater treatment plant flare. This permit does not release Lamb Weston, Inc. - Twin Falls Plant from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Pursuant to the Construction and Operation Notification General Provision of your permit, it is required that construction and operation notification be provided. Please provide this information as listed to DEQ's Twin Falls Regional Office, 650 Addison Avenue West, Suite 110, Twin Falls, ID 83301, Fax (208) 736-2194.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Bobby Dye, Regional Air Quality Manager, at (208) 736-2190 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 contact Shawnee Chen at (208) 373-0502 or [Shawnee.chen@deq.idaho.gov](mailto:Shawnee.chen@deq.idaho.gov) to address any questions or concerns you may have with the enclosed permit.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Simon", with a stylized flourish at the end.

Mike Simon  
Stationary Source Program Manager  
Air Quality Division

MS\syc

Permit No. P-2011.0120 PROJ 61528

Enclosures

**Air Quality**  
**PERMIT TO CONSTRUCT**

---

**Permittee** Lamb Weston, Inc. – Twin Falls Plant, Twin Falls  
**Permit Number** P-2011.0120  
**Project ID** 61528  
**Facility ID** 083-00062  
**Facility Location** 856 Russet Street  
Twin Falls, ID 83301

**Permit Authority**

This permit (a) is issued according to the “Rules for the Control of Air Pollution in Idaho” (Rules), IDAPA 58.01.01.200–228; (b) pertains only to emissions of air contaminants regulated by the State of Idaho and to the sources specifically allowed to be constructed or modified by this permit; (c) has been granted on the basis of design information presented with the application; (d) does not affect the title of the premises upon which the equipment is to be located; (e) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (f) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; and (g) in no manner implies or suggests that the Idaho Department of Environmental Quality (DEQ) or its officers, agents, or employees assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment. Changes in design, equipment, or operations may be considered a modification subject to DEQ review in accordance with IDAPA 58.01.01.200–228.

**Date Issued** April 2, 2018



---

**Shawnee Chen, P.E., Permit Writer**



---

**Mike Simon, Stationary Source Manager**

## Contents

1. Permit Scope.....	3
2. Facility-Wide Conditions.....	5
3. Line 1 Fryer, Line 2 Fryer, Line 4 Fryer, and Special Products Fryer .....	11
4. Line 1 Dryer, Line 2 Dryer, Line 4 Dryer, and Special Products Dryer.....	15
5. Boilers and Heaters.....	18
6. L4 and L1 Emergency Diesel-Fired Internal Combustion Engines.....	22
7. Biogas Flare.....	26
8. General Provisions.....	27
Appendix A – Emissions Limits.....	30

# 1. Permit Scope

## Purpose

- 1.1. This is a revised Permit to Construct (PTC) that fulfills the requirements in the consent order signed on September 9, 2014, updates source information to include improved fryer emissions controls, establishes a facility-wide VOC emissions limit for being a synthetic minor source, changes compliance demonstration methods, includes the two anaerobic digesters with a flare, and updates some permit conditions. [4/2/2018]
- 1.2. Those permit conditions that have been modified or revised by this permitting action are identified by the permit issue date citation located directly under the permit condition and on the right hand margin. [4/2/2018]
- 1.3. This PTC replaces PTC No. P-2011.0120, issued on May 4, 2012 for the potato processing plant and PTC No. P-2017.0026, issued on May 12, 2017 for the wastewater treatment plant flare. [4/2/2018]

## Regulated Sources

Table 1.1 lists all sources of regulated emissions in this permit.

**Table 1.1 Regulated Sources**

Sources	Control Equipment
<u>Line 1 Fryer:</u> Manufacturer: Heat and Control Installed/Modified: 1988 30 tons/hr finished product assumed in the EI for this permitting action	<u>Venturi Scrubber (L1-SP Scrubber):</u> Manufacturer: SLY Inc. Model: Model 9
<u>Special Products Fryer:</u> Manufacturer: Heat and Control Installed/Modified: 1977 5 tons/hr finished product assumed in the EI for this permitting action.	
<u>Line 2 Fryer:</u> Manufacturer: Heat and Control Installed/Modified: 1970 42 tons/hr finished product assumed in the EI for this permitting action	<u>Air Washer:</u> Manufacturer: Gellert Company Model: Custom
<u>Line 4 Fryer:</u> Manufacturer: Heat and Control Installed/Modified: 1989 37 tons/hr finished product assumed in the EI for this permitting action	<u>Air Washer:</u> Manufacturer: Reyco Model: Custom
<u>Line 1 Dryer:</u> Manufacturer: National Installed/Modified: 1986 30 tons/hr finished product assumed in the EI for this permitting action Rated Burner Capacity: 36.0 MMBtu/hr Fuel: natural gas only	None
<u>Line 2 Dryer:</u> Manufacturer: National Installed/Modified: 1988/2002 42 tons/hr finished product assumed in the EI for this permitting action Rated Burner Capacity: 4.0 MMBtu/hr Fuel: natural gas only	None

Sources	Control Equipment
<u>Line 4 Dryer:</u> Manufacturer: National Installed/Modified: 1989 37 tons/hr finished product assumed in the EI for this permitting action Rated Burner Capacity: 27.5 MMBtu/hr Fuel: natural gas only	None
<u>Special Products Dryer:</u> Manufacturer: B Eagle Installed/Modified: 1976/2007 5 tons/hr finished product assumed in the EI for this permitting action Rated Burner Capacity: 5.0 MMBtu/hr Fuel: natural gas only	None
<u>Boiler No. 1:</u> Manufacturer: Combustion Engineering Model: 26-A-15 Installed/Modified: 1989 Rated Burner Capacity: 180 MMBtu/hr Fuel: natural gas and/or biogas only	None
<u>Boiler No. 2:</u> Manufacturer: Murray-Trane Model: MCF4-57 Installed/Modified: 1982 Rated Burner Capacity: 72 MMBtu/hr Fuel: natural gas only	None
<u>Effluent heater:</u> Manufacturer: American Heating Co. Model: AHC-1500 Installed/Modified: 2002 Rated Burner Capacity: 19 MMBtu/hr Fuel: natural gas and/or biogas only	None
<u>L4 Emergency IC Engine:</u> Manufacturer: Cummins Model: NT855C Manufacture Date: 1982 Max. power rating: 355 bhp (230 kw genset) Fuel: diesel Annual Use Limit: 52 hrs/yr	None
<u>L1 Emergency IC Engine:</u> Manufacturer: Cummins Model: 6BT5.9 G-2 Manufacture Date: 1997 Max. power rating: 166 bhp (100 kw genset) Fuel: diesel Annual Use Limit: 52 hrs/yr	None
Miscellaneous heaters and burners Combined Maximum Heat Input: 109 MMBtu/hr	None
<u>Biogas Flare</u> Manufacturer: Groth Corp. Model No.: 8391 Installed: 1991 Design Biogas Feed Rate: 13,500 scf/hr biogas The flare is rated at 13 MMBtu/hr	None

[4/2/2018]

## 2. Facility-Wide Conditions

### Fugitive Dust

#### 2.1 Reasonable Control of Fugitive Emissions

All reasonable precautions shall be taken to prevent PM from becoming airborne in accordance with IDAPA 58.01.01.650-651. In determining what is reasonable, considerations will be given to factors such as the proximity of dust emitting operations to human habitations and/or activities and atmospheric conditions that might affect the movement of particulate matter. Some of the reasonable precautions include, but are not limited to, the following:

- Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands.
- Application, where practical, of asphalt, oil, water, or suitable chemicals to, or covering of, dirt roads, material stockpiles, and other surfaces which can create dust.
- Installation and use, where practical, of hoods, fans, and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations.
- Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
- Paving of roadways and their maintenance in a clean condition, where practical.
- Prompt removal of earth or other stored material from streets, where practical.

#### 2.2 Fugitive Emissions Controls Recordkeeping

The permittee shall monitor and maintain records of the frequency and the method(s) used (i.e., water, chemical dust suppressants, etc.) to reasonably control fugitive emissions.

#### 2.3 Fugitive Dust Complaints

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.

#### 2.4 Facility-Wide Fugitive Dust Inspections

The permittee shall conduct a quarterly facility-wide inspection of potential sources of fugitive emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive 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 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 emissions, and the date the corrective action was taken.

### Odors

#### 2.5 Odors

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.

## **2.6 Odor Complaints**

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 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.

## **Visible Emissions**

### **2.7 Visible Emissions**

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, NO<sub>x</sub>, and/or chlorine gas is the only reason for the failure of the emission to comply with the requirements of this section.

### **2.8 Visible Emissions Inspections**

The permittee shall conduct a monthly facility-wide inspection of potential sources of visible emissions, during daylight hours and under normal operating conditions. The visible emissions inspection shall consist of a see/no see evaluation for each potential source. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable, or 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% 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 accordance with IDAPA 58.01.01.130-136. The permittee shall maintain records of the results of each visible emissions 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.

## **Open Burning**

### **2.9 Open Burning**

The permittee shall comply with the requirements of the Rules for Control of Open Burning, IDAPA 58.01.01.600-617.

## **Reports and Certifications**

### **2.10 Reports and Certifications**

Any reporting required by this permit shall be submitted to the following address:

Air Quality Permit Compliance  
Department of Environmental Quality  
Twin Falls Regional Office  
650 Addison Avenue West, Suite 110  
Twin Falls, ID 83301  
Phone: (208) 736-2190  
Fax: (208) 736-2194

**[4/2/2018]**

## Fuel-Burning Equipment

### 2.11 Fuel Burning Equipment Grain Loading

The permittee shall not discharge to the atmosphere from any fuel-burning equipment PM in excess of 0.015 gr/dscf of effluent gas corrected to 3% oxygen by volume for gas and 0.050 gr/dscf of effluent gas corrected to 3% oxygen by volume for liquid. Corrections for altitude shall be made in accordance with IDAPA 58.01.01.680.

[4/2/2018]

## Sulfur Content

### 2.12 Fuel Sulfur Content

No person shall 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.
- ASTM Grades 4, 5 and 6 fuel oil – 1.75% by weight.

### 2.13 Fuel Sulfur Content Recordkeeping

The permittee shall maintain documentation of supplier verification of distillate fuel oil content on an as received basis.

## Emission Limits

### 2.14 Facility-Wide Emission Limits

The facility shall comply with the facility-wide emission limits contained in Appendix A of this permit.

[4/2/2018]

## Monitoring and Recordkeeping Requirements

### 2.15 Monitoring and Recordkeeping Requirements for Compliance with Facility-Wide Annual Limits

The permittee shall maintain the following records on a monthly basis. The averaging period for each of the following records is each calendar month.

- 2.15.1 The amount of natural gas in MMscf combusted at the facility, by month. Natural gas utility bills may be used for this purpose.
- 2.15.2 The amount of natural gas in MMscf combusted in Boiler 1, by month, based on Boiler 1 fuel combustion records maintained in accordance with NSPS – Subpart Db New Source Performance Standard – Fuel Monitoring permit condition (PC 5.13).
- 2.15.3 The amount of biogas in MMscf combusted at the facility, by month, based on biogas usage records maintained in accordance with the Biogas Use Monitoring permit condition (PC 5.6).
- 2.15.4 The amount of biogas combusted in the Biogas flare, by month, and the average H<sub>2</sub>S concentration, by month, based on biogas usage records maintained in accordance with the Biogas Flow and H<sub>2</sub>S Concentration Monitoring permit condition (PC 7.5).
- 2.15.5 The amount of PM<sub>10</sub> emitted in pounds, by month, from the stacks of the Line 1 and Special Products (L1-SP) Fryers, the Line 2 Fryer, and the Line 4 Fryer, based upon PM<sub>10</sub> emission records maintained in accordance with the PM<sub>10</sub> Compliance Demonstration for Fryers permit condition (PC 3.7).

- 2.15.6 The amount of PM<sub>10</sub> emitted in pounds, by month, from the stacks of the Line 1, Line 2, Line 4, and Special Products Dryers, based upon PM<sub>10</sub> emission records maintained in accordance with **PM<sub>10</sub> Compliance Demonstration for Dryers** permit condition (PC 4.6).
- 2.15.7 The amount of finished product in tons produced, by month, from the Line 1, Line 2, Line 4, and Special Products production lines, based upon finished product production records maintained in accordance with the **PM<sub>10</sub> Compliance Demonstration** permit conditions (PCs 3.7 and 4.6).
- 2.15.8 The hours of operation of each emergency generator, by month, based on records maintained in accordance with the **Emergency IC Engine Operations** permit condition (PC 6.7).

[4/2/2018]

**2.16 Monthly PM<sub>10</sub> Emissions Calculations**

The permittee shall calculate monthly PM<sub>10</sub> emissions in tons by completing the calculations identified in the table below:

<b>Multiply this operating parameter recorded for the month...</b>	<b>By this emission factor ...</b>
Natural gas combusted at the facility (less natural gas combusted in Boiler 1)	7.6 lb PM <sub>10</sub> /MMscf
Boiler 1 natural gas	7.6 lb PM <sub>10</sub> /MMscf
Total biogas combusted less total biogas flared, MMscf	7.6 lb PM <sub>10</sub> /MMscf
Total biogas flared, MMscf	7.6 lb PM <sub>10</sub> /MMscf
The pounds of PM <sub>10</sub> emitted from the L1-SP Scrubber, Line 2 Fryer, and Line 4 Fryer stacks are calculated in accordance with Permit Condition 3.7	
The pounds of PM <sub>10</sub> emitted from Line 1 Dryer, Line 2 Dryer, Line 4 Dryer, and the Special Products Dryer stacks are calculated in accordance with Permit condition 4.6	
Operating hours of 230KW generator	0.78 lb PM <sub>10</sub> /hr
Operating hours of 100KW generator	0.37 lb PM <sub>10</sub> /hr

Monthly PM<sub>10</sub> emissions shall be determined by summing together the PM<sub>10</sub> emissions identified in the table above, and dividing the sum by 2,000 to convert from lb of PM<sub>10</sub> to tons of PM<sub>10</sub>.

[4/2/2018]

**2.17 Monthly Nitrogen Oxides (NO<sub>x</sub>) Emissions Calculations**

The permittee shall calculate monthly NO<sub>x</sub> emissions in tons by completing the calculations identified in the table below:

<b>Multiply this operating parameter for the month...</b>	<b>By this emission factor ...</b>
Natural gas combusted in Boiler 1, MMscf	(lb NO <sub>x</sub> /MMBtu) <sup>(a)</sup> * (1,020 MMBtu/MMscf) <sup>(b)</sup>
Natural gas combusted at the facility less natural gas combusted in Boiler 1, MMscf	100 lb NO <sub>x</sub> /MMscf
Total biogas combusted less total biogas flared, MMscf	100 lb NO <sub>x</sub> /MMscf
Total biogas flared, MMscf	54.4 lb NO <sub>x</sub> /MMscf
Operating hours of 230K Generator	11.01 lb NO <sub>x</sub> /hr
Operating hours of 100K Generator	5.15 lb NO <sub>x</sub> /hr

(a) As determined using Permit Condition 5.14. The emission factor used shall be the rolling 30-day average calculated on the last day of the month.

(b) 1,020 MMBtu/MMscf is the higher heating value for natural gas.

Monthly NO<sub>x</sub> emissions shall be determined by summing together the NO<sub>x</sub> emissions identified in the table above, and dividing the sum by 2,000 to convert from lb of NO<sub>x</sub> to tons of NO<sub>x</sub>.

[4/2/2018]

**2.18 Monthly Sulfur Dioxide (SO<sub>2</sub>) Emissions Calculations**

The permittee shall calculate monthly SO<sub>2</sub> emissions in tons by completing the calculations identified in the table below:

Multiply this operating parameter recorded for the month...	By this emission factor ...
Natural gas combusted at the facility, MMscf	0.6 lb SO <sub>2</sub> /MMscf
Total Biogas combusted at the facility, including flared biogas, MMscf	0.166*S, where S is the average H <sub>2</sub> S concentration in ppmv during the month as calculated in Permit Condition 5.8.
Operating hours of 230K Generator	0.73 lb SO <sub>x</sub> /hr
Operating hours of 100K Generator	0.34 lb SO <sub>x</sub> /hr

Monthly SO<sub>2</sub> emissions shall be determined by summing together the SO<sub>2</sub> emissions identified in the table above, and dividing the sum by 2,000 to convert from lb of SO<sub>2</sub> to tons of SO<sub>2</sub>.

[4/2/2018]

**2.19 Monthly Carbon Monoxide (CO) Emissions Calculations**

The permittee shall calculate monthly CO emissions in tons by completing the calculations identified in the table below:

Multiply this operating parameter recorded for the month...	By this emission factor ...
Natural gas combusted in Boiler 1, MMscf	33.2 lb CO/MMscf (until a new EF required by PC 5.9 is developed)
Natural gas combusted at the facility less natural gas combusted in Boiler 1, MMscf	84 lb CO/MMscf
Total biogas combusted less total biogas flared, MMscf	84 lb CO/MMscf
Total biogas flared, MMscf	248 lb CO/MMscf
Operating hours of 230K generator	2.37 lb CO/hr
Operating hours of 100K generator	1.11 lb CO/hr

Monthly CO emissions shall be determined by summing together the CO emissions identified in the table above, and dividing the sum by 2,000 to convert from lb of CO to tons of CO.

[4/2/2018]

**2.20 Monthly VOC Emissions Calculations**

The permittee shall calculate monthly VOC emissions in tons by completing the calculations identified in the table below.

Multiply this operating parameter for the month...	By this emission factor ...
Natural gas combusted at the facility	5.5 lb VOC/MMscf
Total biogas combusted less total biogas flared, MMscf	5.5 lb VOC/MMscf
Total biogas flared, MMscf	528 lb VOC/MMscf
The amount of finished product in tons produced from the Line 1 production line and Special Product line	The VOC EF listed in Table 3.3 of the permit <sup>(a)</sup>
The amount of finished product in tons produced from the Line 2 production line	The VOC EF listed in Table 3.3 of the permit <sup>(a)</sup>
The amount of finished product in tons produced from the Line 4 production line	The VOC EF listed in Table 3.3 of the permit <sup>(a)</sup>
Operating hours of 230K generator	0.89 lb VOC/hr
Operating hours of 100K generator	0.42 lb VOC/hr

<sup>(a)</sup> Or as updated in accordance with Permit Conditions 2.21, 3.9 through 3.11, and 4.9 through 4.11

Monthly VOC emissions shall be determined by summing together the VOC emissions identified in the table above, and dividing the sum by 2,000 to convert from lb of VOC to tons of VOC.

[4/2/2018]

**2.21 Revisions to Emission Factors**

The permittee shall update emissions factors in accordance with Permit Conditions 3.9 to 3.11 for the fryers, Permit Conditions 4.9 to 4.11 for the dryers, and Permit Conditions 5.9 to 5.11 for Boiler No. 1.

The permittee may update emissions factors based on other revised technical information and voluntary source test results.

All revised emissions factors shall be approved by DEQ. Upon approval by DEQ, the revised emission factor shall be used to complete the calculations required in this permit.

[4/2/2018]

**2.22 Facility Wide Compliance Demonstration**

The permittee shall demonstrate compliance with the facility-wide emissions limits by calculating and recording rolling 12-month total emissions for PM<sub>10</sub>, NO<sub>x</sub>, SO<sub>2</sub>, CO, and VOC based on the monthly emission calculations in Permit Conditions 2.16 through 2.20. Emission records and calculations shall be maintained on-site for a period of at least five years and shall be made available to DEQ representatives upon request.

[4/2/2018]

**2.23 Incorporation of Federal Requirements by Reference**

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:

- Standard of Performance for New Stationary Sources (NSPS), 40 CFR Part 60, Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units and Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units
- National Emission Standards for Hazardous Air Pollutants (NESHAP) Area Sources, 40 CFR Part 63, Subpart ZZZZ - National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

For permit conditions referencing or cited in accordance with any document incorporated by reference (including permit conditions identified as NESHAP or NSPS), 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.

[4/2/2018]

### 3. Line 1 Fryer, Line 2 Fryer, Line 4 Fryer, and Special Products Fryer

#### 3.1 Process Description

Potatoes are fried in one of four frying processes. Certain products are battered prior to frying. The fryer exhausts contain PM from the potatoes and the oil used for frying and VOCs from the frying process. The fryers are steam-heated; no direct products of combustion are generated by fryer operations. The exhausts from the Line 1 (L1) and Special Products (SP) fryers are combined and exit through a Venturi scrubber stack. The exhausts from the Line 2 (L2) and Line 4 (L4) fryers exit through individual air washer stacks.

[4/2/2018]

#### 3.2 Control Descriptions

The fryer emission control devices are presented in the following table:

Table 3.1 Line 1 Fryer, Line 2 Fryer, Line 4 Fryer, and Special Products Fryer Description

Emissions Units / Processes	Control Devices	Emission Points
Line 1 Fryer	Venturi Scrubber	Venturi scrubber exhaust stack
Special Products Fryer		
Line 2 Fryer	Air Washer	Air washer exhaust stack
Line 4 Fryer	Air Washer	Air washer exhaust stack

[4/2/2018]

#### Emission Limits

##### 3.3 Emissions Limits

The emissions from the L1-SP Fryers (venturi scrubber exhaust), Line 2 Fryer (air washer exhaust), and Line 4 Fryer (air washer exhaust) stacks shall not exceed any emission limits in Appendix A of the permit.

[4/2/2018]

#### Operating Requirements

##### 3.4 Stack Height Requirements

The stack height of Line 4 Fryer shall be no less than 50 feet.

[4/2/2018]

##### 3.5 Operating Requirements for Venturi Scrubber and Air Washers

3.5.1 The permittee shall install and operate a Venturi scrubber to control emissions from Line 1 Fryer and Special Products Fryer.

3.5.2 The permittee shall install and operate air washers to control emissions from Line 2 Fryer and Line 4 Fryer.

3.5.3 Operating parameters for fryer air pollution control equipment shall be maintained within the operating parameter limits contained in Table 3.2 or as modified in accordance with Permit Conditions 3.5.4 to 3.5.6.

**Table 3.2 Initial Operating Parameter Limits for Air Pollution Control Equipment**

<b>Air Pollution Control Device</b>	<b>Operating Parameter</b>	<b>Operating Parameter Limit</b>	<b>Criterion</b>
L1-SP Scrubber	Pressure drop across Venturi throat	12 inches water column	Not less than
	Water flow rate to Venturi throat	252 gpm	Not less than
Line 2 Air Washer	Water flow rate	134 gpm	Not less than
Line 4 Air Washer	Water flow rate	146 gpm	Not less than

- 3.5.4 As an alternative to the initial operating parameter limits listed in Table 3.2, the permittee may establish revised operating parameter limits by conducting a performance test that demonstrates compliance with the PM<sub>10</sub> emission limits in Appendix A of the permit while operating the air pollution control device at the alternative operating parameter values. The performance test shall be conducted in accordance with the Test Methods and Procedures specified in the Rules (IDAPA 58.01.01.157) and in accordance with a DEQ-approved source test protocol. The protocol shall describe how the operating parameters will be monitored during the performance test. All operating parameters specified in this permit condition shall be continuously monitored and recorded every 15 minutes during each test run.
- 3.5.5 The permittee may request permission to operate air pollution control equipment outside of previously established operating parameter limits during the performance test by including in the written source test protocol a request to DEQ to waive operating parameter limits during the duration of the performance test.
- 3.5.6 After the source test is completed, the permittee may request in writing approval to operate air pollution control equipment in accordance with alternative operating parameters values. The request shall include a source test report and justification for the alternative operating parameters. Upon receiving DEQ written approval of the source test and the requested alternative operating parameters, the permittee shall operate in accordance with those DEQ-approved alternative operating parameters. A copy of DEQ's approval of alternate operating parameter limits shall be maintained on site with a copy of this permit.

[4/2/2018]

## **Monitoring and Recordkeeping Requirements**

### **3.6 Monitoring Requirements for Venturi Scrubber and Air Washers**

- 3.6.1 The permittee shall continuously monitor the following air pollution control device operating parameters and collect data daily:
- Pressure drop across the Venturi throat of the L1-SP scrubber in inches of water.
  - Water flow rate to the Venturi throat of the L1-SP scrubber in gallons per minute.
  - Water flow rate to Line 2 air washer in gallons per minute.
  - Water flow rate to Line 4 air washer in gallons per minute.
- 3.6.2 The permittee shall inspect the Venturi scrubbing media delivery nozzles and the air washer mist eliminators each quarter to verify that the nozzles and mist eliminators are not plugged, eroded or otherwise not functioning as designed. The permittee shall maintain a record of the inspections and any maintenance conducted.
- 3.6.3 The permittee shall maintain records of the results of all monitoring and inspections in accordance with the General Provisions of this permit.

[4/2/2018]

### 3.7 PM<sub>10</sub> Compliance Demonstration for Fryers

3.7.1 Compliance with the PM<sub>10</sub> limits in Appendix A for the fryers shall be demonstrated by calculation, in which the amount of production is multiplied by an approved production-based emission factor, in accordance with the following formula:

$$E_i = E_{Fi} * P_i$$

Where:

E<sub>i</sub> = emissions from stack i for the calculation period, lb

E<sub>Fi</sub> = emission factor for stack i, lb pollutant/ton finished product

P<sub>i</sub> = amount of finished product from line i for the calculation period, tons

3.7.2 Emission factors for each fryer stack shall be determined from the most recent performance test for each stack or as otherwise approved by DEQ.

3.7.3 The permittee shall monitor and record the daily finished potato product produced from each of the Line 1, Line 2, Line 4, and Special Products production line for use in calculating PM<sub>10</sub> emissions in accordance with Permit Condition 3.7.

Daily production records may be maintained on a work-day basis, in which a work day commences at a specific time of day and lasts consecutive 24 hours.

3.7.4 Compliance with the annual emission limits shall be based on a rolling 12-month period. Each month shall be a calendar month. The rolling 12-month for a given month shall be the sum of emissions for that month plus the emissions for the previous consecutive 11 months.

3.7.5 Records of stack testing and the determination of emission factors shall be maintained at least five years or until such time as a revised emission factor is established. Records may be maintained in electronic format.

[4/2/2018]

## Performance Testing Requirements and Development of Emission Factors

### 3.8 Initial Emission Factors for PM<sub>10</sub> and VOC

Until performance testing and revisions to emission factors are completed in accordance with Permit Conditions 3.9 through 3.11, the PM<sub>10</sub> and VOC emission factors for fryer exhausts shall be those shown in Table 3.3.

Table 3.3 Initial Emission Factors for PM<sub>10</sub> and VOC

Exhaust Stack	PM <sub>10</sub> , lb/ton produced	VOC, lb/ton produced
L1-SP Scrubber	0.0767	0.249
Line 2 Air Washer	0.0508	0.132
Line 4 Air Washer	0.181	0.128

### 3.9 PM<sub>10</sub> and VOC Performance Test Schedule

#### For Line 1 and Special Products Fryers

3.9.1 By October 31, 2022, the permittee shall conduct PM<sub>10</sub> and VOC performance tests on the L1-SP scrubber exhaust. Subsequent performance testing for PM<sub>10</sub> and VOC shall occur within 5 years (61 months) after the previous source test, or at a DEQ approved alternative frequency. In accordance with Permit Condition 3.11, updated emissions factors for PM<sub>10</sub> and VOC shall be determined based on the results of the performance test and submitted to DEQ for approval. Upon approval by DEQ, the updated emission factors shall be used to calculate PM<sub>10</sub> and VOC emissions, effective from the date of the performance test.

**For Line 2 Fryer and Line 4 Fryer**

- 3.9.2 By October 31, 2022, the permittee shall conduct PM<sub>10</sub> and VOC performance tests on the Line 2 and Line 4 air washer exhausts. Subsequent performance testing for PM<sub>10</sub> and VOC shall occur within 5 years (61 months) after the previous source test, or at a DEQ approved alternative frequency. In accordance with PC 3.11, updated emissions factors for PM<sub>10</sub> and VOC shall be determined based on the results of the performance test and submitted to DEQ for approval. Upon approval by DEQ, the updated emission factors shall be used to calculate PM<sub>10</sub> and VOC emissions, effective from the date of the performance test.

[4/2/2018]

**3.10 PM<sub>10</sub> and VOC Performance Test Procedures**

- 3.10.1 The permittee shall measure total PM<sub>10</sub> using approved EPA test methods. Alternately, the permittee may measure PM emissions using EPA Test Methods 5 and 202, and consider all of the measured PM to be PM<sub>10</sub>. The permittee shall measure VOC emissions using approved EPA test methods.
- 3.10.2 The permittee shall submit a test protocol for performing VOC emissions testing for the fryers, and upon approval by DEQ, shall perform VOC performance testing in accordance with the approved test protocol.
- 3.10.3 Performance tests conducted to demonstrate compliance with this permit shall be performed in accordance with IDAPA 58.01.01.157, the Performance Testing General Provision, and the following requirements:
- The permittee shall operate the source being tested at worst-case normal operating conditions as defined by IDAPA 58.01.01.157.
  - The permittee shall observe visible emissions during each performance test run using methods specified in IDAPA 58.01.01.625.
  - The permittee shall monitor and record operating parameters for air pollution control equipment as listed in Permit Condition 3.7.3 during the stack test at a minimum of once every 15 minutes.
  - The permittee shall monitor and record finished potato production from the fryer or fryers being tested, expressed as tons per hour, during each performance test run. Finished hourly potato production shall be determined using procedures identified in approved source test protocol.

[4/2/2018]

**3.11 PM<sub>10</sub> and VOC Performance Test Report**

- 3.11.1 A written report shall be submitted to DEQ in accordance with IDAPA 58.01.01.157.04 for any source test performed to satisfy a performance test requirement imposed by state or federal regulation, rule, permit, or consent decree, or to revise an emission factor or air pollution control device operating parameter limit.
- 3.11.2 The performance test report shall include a determination of any revisions to PM<sub>10</sub> and VOC emission factors for the stacks tested, based upon the PM<sub>10</sub> and VOC emissions measured during the test and the production data obtained during the test. The performance test report shall also summarize the measurements of operating parameters for the associated air pollution control equipment during the test, including a comparison of the measured data with the existing operating specifications parameter limits included in Permit Condition 3.5.3 established in accordance with Permit Condition 3.5, and documentation of changes in air pollution control equipment operating parameter limits based on performance test results.

[4/2/2018]

## 4. Line 1 Dryer, Line 2 Dryer, Line 4 Dryer, and Special Products Dryer

### Process Description

#### 4.1 Process Description

Potatoes are peeled and cut, the defects are removed, and the cut potatoes are graded and blanched. Peelers and blanchers are steam heated. Only water vapor is emitted from the blanchers and peelers.

After blanching, the potatoes are dried in one of the four natural gas-fired dryers before entering fryers. The emissions from the dryers include PM and by-products of natural gas combustion.

#### 4.2 Control Device Descriptions

The dryer emission control devices are presented in Table 4.1.

Table 4.1 Line 1 Dryer, Line 2 Dryer, Line 4 Dryer, and Special Products Dryer Description

Emissions Units / Processes	Control Devices	Emission Points
Line 1 Dryer	None	Dryer Exhaust
Line 2 Dryer	None	Dryer Exhaust
Line 4 Dryer	None	Dryer Exhaust
Special Products Dryer	None	Dryer Exhaust

[4/2/2018]

### Emission Limits

#### 4.3 Emission Limits

The emissions from Line 1 Dryer, Line 2 Dryer, Line 4 Dryer, and Special Products Dryer stacks shall not exceed any emissions limit in Appendix A of this permit.

[4/2/2018]

### Operating Requirements

#### 4.4 Fuel Specifications

The permittee shall only burn natural gas in the dryers.

[4/2/2018]

#### 4.5 Maximum Heat Input Rates

The heat input rates for the dryers shall not exceed the amounts specified below:

- Line 1 Dryer: 36.0 MMBtu/hr
- Line 2 Dryer: 4.0 MMBtu/hr
- Line 4 Dryer: 27.5 MMBtu/hr
- Special Product Dryer: 5.0 MMBtu/hr

[4/2/2018]

### Monitoring and Recordkeeping Requirements

#### 4.6 PM<sub>10</sub> Compliance Demonstration for Dryers

- 4.6.1 Compliance with the PM<sub>10</sub> limits in Appendix A for the dryers shall be demonstrated by calculation, in which the amount of production is multiplied by an approved production-based emission factor, in accordance with the following formula:

$$E_i = E_{Fi} * P_i$$

Where:

$E_i$  = emissions from stack  $i$  for the calculation period, lb

$E_{Fi}$  = emission factor for dryer  $PM_{10}$  emissions, lb  $PM_{10}$ /ton finished product

$P_i$  = amount of finished product from line  $i$  for the calculation period, tons

- 4.6.2 Emission factors for dryer stacks shall be determined from the most recent performance test for dryer stack emissions stack, as set forth in Permit Conditions 4.7, 4.8 and 4.11, or as otherwise approved by DEQ.
- 4.6.3 The permittee shall monitor and record the daily finished potato product produced from the Line 1, Line 2, Line 4 and Special Products production lines for use in calculating  $PM_{10}$  emissions in accordance with Permit Condition 4.6.
- Daily production records may be maintained on a work-day basis, in which a work day commences at a specific time of day and lasts consecutive 24 hours.
- 4.6.4 Compliance with the annual emission limits shall be based on a rolling 12-month period. Each month shall be a calendar month. The rolling 12-month for a given month shall be the sum of emissions for that month plus the emissions for the previous consecutive 11 months.
- 4.6.5 Records of stack testing and the determination of emission factors shall be maintained at least five years or until such time as a revised emission factor is established. Records may be maintained in electronic format.

[4/2/2018]

## **Performance Testing Requirements and Development of Emission Factors**

### **4.7 Initial $PM_{10}$ Emission Factor and Performance Testing for Dryers**

- 4.7.1 Based upon previous performance test data, the  $PM_{10}$  emission factor for the dryers shall be 0.05 lb per ton of product.
- 4.7.2 Within three years of the permit issuance, the permittee shall conduct  $PM_{10}$  performance testing on a dryer to verify the above emissions factor. If the EF obtained from this verification test is higher than 0.05 lb per ton of product, the permittee is required to do the following:
- The EF is required to be updated.
  - A subsequent source test is required to be conducted within five years of the verification test.
- 4.7.3 The permittee may conduct stack testing of a dryer at any time to develop a revised  $PM_{10}$  emission factor for dryer emissions. Such testing shall be conducted in accordance with Permit Conditions 4.8 and 4.11.

[4/2/2018]

### **4.8 $PM_{10}$ Performance Test Requirements for Dryers**

- 4.8.1 The permittee shall measure total  $PM_{10}$  emissions using approved EPA test methods. Alternately, the permittee may measure PM emissions using EPA Test Methods 5 and 202 and consider all of the measured PM to be  $PM_{10}$ .
- 4.8.2 The permittee shall submit a test protocol for performing  $PM_{10}$  emissions testing from the Line 4 Dryer, and upon approval by DEQ, shall perform  $PM_{10}$  performance testing in accordance with the approved test protocol.
- 4.8.3 Performance tests conducted to demonstrate compliance with this permit shall be performed in accordance with IDAPA 58.01.01.157, the Performance Testing General Provision, and the following requirements:

- The permittee shall operate the dryer to be tested at worst-case normal operating conditions as defined by IDAPA 58.01.01.157.
- The permittee shall observe visible emissions during each performance test run using methods specified in IDAPA 58.01.01.625.
- The permittee shall monitor and record finished potato production from the dryer, expressed as tons-per-hour, during each performance test run. Finished hourly potato production may be based on the average tons per hour over the 8-hour shift(s) during which testing occurred if it is approved by DEQ in the source test protocol.

[4/2/2018]

#### 4.9 VOC Performance Testing for Dryers

If the actual facility-wide VOC emissions, as determined per Permit Condition 2.20 exceed 98 T/yr, the permittee shall perform a source test of VOC emissions from the dryers. If the measured VOC emissions exceed the VOC emissions attributed to natural gas combustion in the dryers, then the permittee shall revise the VOC emission factors for each production line in Permit Condition 2.20 to account for the added VOC emissions from the dryers.

[4/2/2018]

#### 4.10 VOC Performance Test Procedures

4.10.1 The permittee shall measure VOC emissions using approved EPA test methods.

4.10.2 The permittee shall submit a test protocol for performing VOC emissions testing from a representative dryer, and upon approval by DEQ, shall perform VOC performance testing in accordance with the approved test protocol.

4.10.3 Performance tests conducted to demonstrate compliance with this permit shall be performed in accordance with IDAPA 58.01.01.157, the Performance Testing General Provision, and the following requirements:

- The permittee shall operate the dryer to be tested at worst-case normal operating conditions as defined by IDAPA 58.01.01.157.
- The permittee shall observe visible emissions during each performance test run using methods specified in IDAPA 58.01.01.625.
- The permittee shall monitor and record finished potato production from the dryer, expressed as tons-per-hour, during each performance test run. Finished hourly potato production may be based on the average tons per hour over the 8-hour shift(s) during which testing occurred if it is approved by DEQ in the source test protocol.

[4/2/2018]

#### 4.11 Performance Test Reports

4.11.1 A written report shall be submitted to DEQ in accordance with IDAPA 58.01.01.157.04 for any source test performed to satisfy a performance test requirement imposed by state or federal regulation, rule, permit, or consent decree, or to revise an emission factor or air pollution control device operating parameter limit.

4.11.2 The performance test report shall include a determination of any revisions to emission factors for dryer emissions, based upon the emissions measured during the test and the production data obtained during the test.

4.11.3 Records of stack testing and the determination of emission factors shall be maintained for at least five years or until such time as a revised emission factor is established. Records may be maintained in electronic format.

[4/2/2018]

## 5. Boilers and Heaters

### Process Description

#### 5.1 Process Description

Boiler No. 1 and Boiler No. 2 provide process steam used for potato peeling, blanching, drying, and frying. Boiler No. 1 is a Combustion Engineering boiler, Model No. 26-A-15 with a heat input capacity rated at 180 MMBtu/hr. Boiler No. 1 is subject to 40 CFR 60 Subpart Db. Boiler No. 2 is a Murray Trane boiler, Model No. MCF4-57, with a heat input capacity rated at 72 MMBtu/hr.

The Effluent Heater functions as a water heater that utilizes natural gas and/or biogas generated by the digester located adjacent to the potato processing plant. The Effluent Heater is an American Heating Co. model AHC-1500 with a heat input capacity rated at 19 MMBtu/hr.

The permittee also operates multiple heaters and burners at the facility for space heating.

Table 5.1 identifies the emission units, fuel specifications, control devices, emission points, and applicability to NSPS requirements.

**Table 5.1 Boilers and Heaters Equipment Description**

Emissions Units / Processes	Fuel Specifications	Control Devices	Emission Points	NSPS Applicability
Boiler No. 1	Natural gas and/or biogas	None	Boiler No. 1 exhaust stack	Subpart Db
Boiler No. 2	Natural gas	None	Boiler No. 2 exhaust stack	n/a due to installation date
Effluent Heater	Natural gas and/or biogas	None	Effluent Heater exhaust stack	Subpart Dc
Miscellaneous Heaters & Burners	Natural gas	None	Throughout facility	n/a

#### 5.2 Emissions Control Description

Emissions from the Boiler No. 1, Boiler No. 2, Effluent Heater, and miscellaneous heaters and burners are uncontrolled.

### Emissions Limits

#### 5.3 Emission Limits

The emissions from Boiler No. 1, Boiler No.2, Effluent Heater, and miscellaneous heaters & burners shall not exceed any emissions rate limit in Appendix A of this permit.

[4/2/2018]

### Operating Requirements

#### 5.4 Allowable Fuel Types and Maximum Heat Rates

Allowable fuel types and maximum heat rates for boilers and heaters are identified in Table 5.2.

**Table 5.2 Maximum Heat Rates and Allowable Fuel Types for Boilers and Heaters**

Source	Heat Rate, MMBtu/hr	Allowable Fuels
Boiler No. 1	180	Natural gas and/or biogas
Boiler No. 2	72	Natural gas
Effluent Heater	19	Natural gas and/or biogas
Miscellaneous Heaters (aggregate)	109	Natural gas

[4/2/2018]

## 5.5 Biogas Use Limit

Facility-wide biogas use shall not exceed 147.0 MMscf per any consecutive 12-month period. This includes the biogas usage at both the potato process plant and the wastewater treatment plant flare.

[4/2/2018]

## Monitoring and Recordkeeping Requirements

### 5.6 Biogas Use Monitoring

The permittee shall monitor and record the facility-wide biogas usage every month. This monthly facility-wide biogas usage shall be added to the previous consecutive 11-month biogas usage to demonstrate compliance with the Biogas Use Limit permit condition.

[4/2/2018]

### 5.7 Biogas H<sub>2</sub>S Concentration Monitoring

The permittee shall measure the H<sub>2</sub>S concentration in ppmv of biogas combusted in Boiler No. 1 and/or the Effluent Heater on a daily basis. The H<sub>2</sub>S concentration is based on the daily average of H<sub>2</sub>S concentration measurements collected at the wastewater treatment plant digester.

[May 4, 2012]

### 5.8 Biogas SO<sub>2</sub> Emissions Monitoring

The permittee shall calculate and record SO<sub>2</sub> emissions as specified below.

The monthly volume weighted average H<sub>2</sub>S concentration, in ppmv, shall be calculated as follows:

$$\text{Monthly Volume Weighted Average H}_2\text{S Concentration (ppmv)} = \frac{\sum_{\text{month}}[\text{Daily Average of Measured H}_2\text{S Concentration (ppmv)} \times \text{Volume of Total Biogas Combusted That Day (scf)}]}{\text{Monthly Sum of Total Biogas Combusted That Month (scf)}}$$

To demonstrate compliance with the hourly emissions limit for equipment that combusts biogas, SO<sub>2</sub> emissions, in pounds per hour, shall be calculated as follows:

$$\text{SO}_2 \text{ Emissions (lb/hr)} = 0.166 * (\text{Daily Measured H}_2\text{S Concentration (ppmv)}) \times (\text{Maximum Volume of Biogas Combusted in Any Hour That Day (MMscf)})$$

[4/2/2018]

## Performance Testing Requirements

### 5.9 CO Performance Test

When actual facility-wide CO reaches 70 T/yr, the permittee shall perform a source test to develop/verify the CO EF for Boiler No. 1. The permittee shall revise facility-wide CO emissions calculations and CO emissions calculations for Boiler No. 1 if the new CO EF is higher than the one in Permit Condition 2.19. The new CO EF shall be effective from the date of the test.

[4/2/2018]

### 5.10 CO Performance Test

5.10.1 The permittee shall measure CO emissions from Boiler No. 1 using approved EPA test methods, or other Department-approved alternative methods.

5.10.2 Performance tests conducted to demonstrate compliance with this permit shall be performed in accordance with IDAPA 58.01.01.157, the Performance Testing General Provision, and the following requirements:

- The permittee shall operate Boiler No. 1 to be tested at worst-case normal operating conditions as defined by IDAPA 58.01.01.157.
- The permittee shall monitor and record Boiler No. 1 natural gas usage in MMscf.

[4/2/2018]

## **5.11 CO Performance Test Report**

- 5.11.1 A written report shall be submitted to DEQ in accordance with IDAPA 58.01.01.157.04 for any source test performed to satisfy a performance test requirement imposed by state or federal regulation, rule, permit, or consent decree or to revise an emission factor.
- 5.11.2 The performance test report shall include a determination of any revisions to Boiler No. 1 CO emission factor, based upon the CO emissions measured during the test and the natural gas usage for Boiler No. 1 obtained during the test.

[4/2/2018]

## **40 CFR 60 Subpart Db—Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units – Apply to Boiler No. 1**

### **5.12 NSPS – Subpart Db New Source Performance Standard – Nitrogen Oxide Standards**

In accordance with 40 CFR 60.44b(a)(1)(ii), 60.44b(h), and 60.44b(i), the permittee shall not cause to be discharged into the atmosphere any gases that contain nitrogen oxides (expressed as NO<sub>2</sub>) in excess of 0.2 lb/MMBtu. This nitrogen oxide standard applies at all times including periods of startup, shutdown, or malfunction. Compliance with this emission limit is determined on a 30-day rolling average basis.

### **5.13 NSPS – Subpart Db New Source Performance Standard – Fuel Monitoring**

In accordance with 40 CFR 60.49b(d), the permittee shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for natural gas and biogas for the reporting period. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. These records shall be kept on site for the most recent five years period and shall be made available in either hard copy or electronic format to DEQ representatives upon request.

### **5.14 NSPS – Subpart Db Nitrogen Oxides Continuous Emissions Monitoring**

The permittee shall fully comply with all monitoring requirements established by 40 CFR 60 Subpart A – *General Provisions* and Subpart Db – *Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units* (40 CFR 60.40b). In particular, the permittee shall install, certify, operate, and maintain, in accordance with all the requirements of 40 CFR 60.48b, a NO<sub>x</sub> continuous emissions monitoring system (CEMS) with an automated data acquisition and handling system for measuring and recording NO<sub>x</sub> concentration (in parts per million) and NO<sub>x</sub> emission rate (in pounds per million British thermal units) from the boiler stack.

The permittee shall fully comply with all applicable record keeping requirements set forth in 40 CFR 60, Subpart Db. All such records shall be made available in either hard copy or electronic format to DEQ representatives upon request.

### **5.15 NSPS – Subpart Db Required Nitrogen Oxide Continuous Emission Monitoring System Information**

The permittee shall fully comply with the reporting requirements set forth in 40 CFR 60, Subpart Db. In accordance with 40 CFR 60.49b, copies of all certification or recertification notifications, certification or recertification applications, and monitoring plans shall be submitted to DEQ. Furthermore, the permittee shall submit to DEQ a written report (including all raw field data, etc.) for each certification or recertification test required.

Each report shall be submitted to DEQ within 30 days of the date on which the respective test was completed.

### **5.16 NSPS – Subpart Db Quality Assurance Procedures**

The permittee shall follow quality assurance (QA) procedures in accordance with 40 CFR 60, Appendix F and submit the QA results to DEQ for approval within 30 days after the test date.

The permittee shall submit a written notification of the QA tests to DEQ within 30 days prior to performing each respective test.

**5.17 NSPS – Subpart Db Excess Nitrogen Oxide Emissions**

The permittee shall submit to DEQ copies of all excess emissions and monitoring systems performance reports and/or summary reports for the NO<sub>x</sub> CEMS. The reporting requirements and report format shall be the same as those specified in 40 CFR 60.7(b) through (d) and IDAPA 58.01.01.131. For NO<sub>x</sub> emissions from the boiler stack, periods of excess emissions are any and all 24-hour rolling average NO<sub>x</sub> concentrations as measured by the NO<sub>x</sub> CEMS that exceed the allowable NO<sub>x</sub> concentration of 0.2 lb/MMBtu.

**40 CFR 60 Subpart Dc—Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units – Apply to Effluent Heater**

**5.18 NSPS – Subpart Dc Applicability, Notification, Monitoring, and Reporting Requirements**

In accordance with 40 CFR 60.48c(a), the permittee shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup as required by 40 CFR 60.7 for the boilers.

The notification shall include the following:

- The design heat input capacity of the affected facility,
- Fuels to be combusted in the affected facility,
- The annual capacity factor at which the permittee anticipates operating the affected facility based on all fuels fired and based on each fuel fired.

Notification shall be submitted to EPA and DEQ.

U.S. EPA – Region 10  
Office of Air Quality  
1200 Sixth Avenue  
Seattle, WA 98101  
Phone: (206) 553-1200

Air Quality Permit Compliance  
Twin Falls Regional Office  
Idaho Department of Environmental Quality  
650 Addison Ave. West, Suite 110  
Twin Falls, ID 83301  
Phone: (208) 736-2190

**[May 4, 2012]**

**5.19 NSPS – Subpart Dc Recordkeeping Requirements**

In accordance with 40 CFR 60.48c(g) and 40 CFR 60.48c(i), the permittee shall record and maintain records of the amount of each fuel combusted during each operating day by the Effluent Heater boiler.

As an alternative to meeting the daily requirements, the permittee may elect to record and maintain records of the amount of each fuel combusted by the Effluent Heater boiler during each calendar month.

As an alternative to meeting the daily requirements, the permittee may elect to record and maintain records of the total amount of fuel delivered to that property during each calendar month.

**[May 4, 2012]**

## 6. L4 and L1 Emergency Diesel-Fired Internal Combustion Engines

### Process Description

#### 6.1 Process Description

The compression ignition IC engines at the facility are used to provide electrical power to the facility when electrical line power is not available during emergency situations.

#### 6.2 Control Descriptions

Table 6.1 L4 and L1 EMERGENCY DIESEL-FIRED IC ENGINES DESCRIPTION

Emissions Units / Processes	Control Devices	Emission Points
L4 Emergency IC Engine	None	L4 Emergency IC engine exhaust stack
L1 Emergency IC Engine	None	L1 Emergency IC engine exhaust stack

### Emissions Limits

#### 6.3 Emission Limits

The emissions from the L4 and L1 Emergency IC Engines stacks shall not exceed any emissions rate limit in Appendix A of this permit.

[May 4, 2012]

### Operating Requirements

#### 6.4 Hours of Operation Limitation

- Each emergency IC engine shall not be operated for more than 8.5 hours per day, except during emergency situations.
- Each emergency IC engine shall not be operated for more than 52 hours per any consecutive 12-month period, except during emergency situations.

#### 6.5 Fuel Specification

The emergency IC engines shall only be fired on No. 2 diesel fuel. The fuel sulfur content shall not exceed 0.5 percent by weight, as required by IDAPA 58.01.01.725.

#### 6.6 Maintenance and Operating Requirements

The permittee shall maintain and operate the emergency generators in accordance with manufacturer recommendations.

### Monitoring and Recordkeeping Requirements

#### 6.7 Emergency IC Engine Operations

The permittee shall monitor and record the date and the number of hours of operation for each emergency IC engine to demonstrate compliance with the Hours of Operation Limitation permit condition. These records shall remain on site for the most recent five years period and shall be made available to DEQ representatives upon request.

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

### **6.8 NESHAP – Subpart ZZZZ L4 Emergency IC Engine and L1 Emergency IC Engine NESHAP Compliance Date**

In accordance with 40 CFR 63.6595, the permittee shall comply with the applicable emission limitations and operating limitations requirements of 40 CFR 63, ZZZZ for Stationary Reciprocating Internal Combustion Engines, no later than May 3, 2013.

[May 4, 2012]

### **6.9 NESHAP – Subpart ZZZZ L4 Emergency IC Engine and L1 Emergency IC Engine Maintenance Requirements**

In accordance with 40 CFR 63.6603, on and after May 3, 2013, for the L4 Emergency IC Engine and L1 Emergency IC Engine the Permittee shall:

- Change the oil and filter every 500 hours of operation or annually, whichever comes first.
- Inspect the air cleaner every 1,000 hours of operation or annually, whichever comes first.
- Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

[May 4, 2012]

### **6.10 NESHAP – Subpart ZZZZ L4 Emergency IC Engine and L1 Emergency IC Engine Alternative Maintenance Requirements**

In accordance with 40 CFR 63.6625(i), on and after May 3, 2013, the permittee has the option of implementing an oil analysis program to extend the oil change frequency specified in the L4 Emergency IC Engine and L1 Emergency IC Engine Maintenance Requirements permit condition. The oil analysis must be performed at the same frequency as specified in the L4 Emergency IC Engine and L1 Emergency IC Engine Maintenance Requirements permit condition. The oil analysis program must, at a minimum, analyze the following three parameters:

- Total Base Number, viscosity, and percent water content.

The limits for these parameters are as follows:

- A Total Base Number of less than 30% of the Total Base Number of the oil when new; the viscosity of the oil has changed by more than 20% from the viscosity of the oil when new; or the water content is greater than 0.5% (by volume).

If any of the limits are exceeded, and the IC engine is in operation, the Permittee must change the oil within two days of receiving the results of the analysis. If any of the limits are exceeded, and the IC engine is not in operation, the Permittee must change the oil within two days or before commencing operation of the IC engine, whichever is later.

The Permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the IC engine. The analysis program must also be part of the maintenance plan for the engine.

[May 4, 2012]

### **6.11 NESHAP – Subpart ZZZZ L4 Emergency IC Engine and L1 Emergency IC Engine Startup Requirements**

In accordance with 40 CFR 63.6603, on and after May 3, 2013, for the L4 Emergency IC Engine and L1 Emergency IC Engine the Permittee shall:

- Minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.

[May 4, 2012]

**6.12 NESHAP – Subpart ZZZZ L4 Emergency IC Engine and L1 Emergency IC Engine Operation and Maintenance Requirements**

In accordance with 40 CFR 63.6625, on and after May 3, 2013, for the L4 Emergency IC Engine and L1 Emergency IC Engine the Permittee shall:

- 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 your own 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.

[May 4, 2012]

**6.13 NESHAP – Subpart ZZZZ L4 Emergency IC Engine and L1 Emergency IC Engine Hour Meter Requirement**

In accordance with 40 CFR 63.6625(f), on and after May 3, 2013, the permittee must install a non-resettable hour meter on the L4 Emergency IC Engine and L1 Emergency IC Engine if one is not already installed

[May 4, 2012]

**6.14 NESHAP – Subpart ZZZZ L4 Emergency IC Engine and L1 Emergency IC Engine Operating Requirements**

In accordance with 40 CFR 63.6640(f), on and after May 3, 2013, the L4 Emergency IC Engine and L1 Emergency IC Engine shall be operated as follows:

- There is no time limit on the use of the L4 Emergency IC Engine and L1 Emergency IC Engine in emergency situations.
- The permittee may operate the L4 Emergency IC Engine and L1 Emergency IC Engine 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 engines. 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 the L4 Emergency IC Engine and L1 Emergency IC Engine beyond 100 hours per year.
- The permittee may operate the L4 Emergency IC Engine and L1 Emergency IC Engine 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 the facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity; except that the permittee may operate the L4 Emergency IC Engine and L1 Emergency IC 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 L4 Emergency IC Engine and L1 Emergency IC 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 requirement, as long as the power provided by the financial arrangement is limited to emergency power.

**[May 4, 2012]**

**6.15 NESHAP – Subpart ZZZZ L4 Emergency IC Engine and the L1 Emergency IC Engine Recordkeeping Requirements**

In accordance with 40 CFR 63.6655 and 40 CFR 63.6660, on and after May 3, 2013, the permittee shall maintain records for the L4 Emergency IC Engine and the L1 Emergency IC Engine according to the requirements of 40 CFR 63, ZZZZ for Stationary Reciprocating Internal Combustion Engines. The records must be in a form suitable and readily available for expeditious review according to §63.10(b)(1).

- The permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
- 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 §63.10(b)(1).

**[May 4, 2012]**

## **7. Biogas Flare**

### **Process Description**

#### **7.1 Process Description**

The primary purpose of the emissions unit is to combust the gas, which contain H<sub>2</sub>S, produced by the anaerobic digesters that treat wastewater from potato processing.

#### **7.2 Control Descriptions**

The emissions from the flare are uncontrolled.

### **Emissions Limits**

#### **7.3 Emission Limits**

The emissions from the biogas flare shall not exceed any emissions rate limit in Appendix A of this permit.

### **Operating Requirements**

#### **7.4 Pilot Flame and Alarm System on Flare**

The flare shall be operated with a pilot flame present at all times while receiving off-gasses due to the operation of the digester. The permittee shall install an alarm system on the flare to notify operating personnel in case of a flare flame-out. The flare shall be re-ignited as expeditiously as practicable. The permittee shall maintain records onsite of the time and duration of all flame-out periods for the most recent five-year period.

### **Monitoring and Recordkeeping Requirements**

#### **7.5 Biogas Flow and H<sub>2</sub>S Concentration Monitoring**

The permittee shall ensure a biogas flowmeter and H<sub>2</sub>S gas monitor have been installed, calibrated, and are operational. The flowmeter and H<sub>2</sub>S monitor shall be placed after the digester and prior to the biogas flare.

The permittee shall monitor and record the biogas flow and the H<sub>2</sub>S concentration on a weekly basis. A compilation of the most recent five years of records shall be kept onsite and shall be made available to DEQ representatives upon request.

The permittee shall use the biogas flow rate and the H<sub>2</sub>S concentration results to calculate the annual SO<sub>2</sub> and CO emissions from the combustion of biogas each month for the preceding 12- month period. A compilation of the most recent five years of records shall be kept onsite and shall be made available to DEQ representatives upon request.

### **Reporting Requirements**

#### **7.6 Flame-outs and Odor Complaints**

The permittee shall notify the DEQ's Twin Falls Regional Office within one hour of any flare flame-out. The permittee shall submit semiannual reports to the Department by January 15 and July 15 of each year summarizing the occurrences of flare flame-outs, odor complaints, and corrective actions taken during the period.

## 8. General Provisions

### General Compliance

**8.1** The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the "Rules for the Control of Air Pollution in Idaho." The emissions of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit, the "Rules for the Control of Air Pollution in Idaho," and the Environmental Protection and Health Act (Idaho Code §39-101, et seq.)

[Idaho Code §39-101, et seq.]

**8.2** The permittee shall at all times (except as provided in the "Rules for the Control of Air Pollution in Idaho") maintain in good working order and operate as efficiently as practicable all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.

[IDAPA 58.01.01.211, 5/1/94]

**8.3** Nothing in this permit is intended to relieve or exempt the permittee from the responsibility to comply with all applicable local, state, or federal statutes, rules, and regulations.

[IDAPA 58.01.01.212.01, 5/1/94]

### Inspection and Entry

**8.4** 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 an emissions source is located, 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
- 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]

### Construction and Operation Notification

**8.5** This permit shall expire if construction has not begun within two years of its issue date, or if construction is suspended for one year.

[IDAPA 58.01.01.211.02, 5/1/94]

**8.6** The permittee shall furnish DEQ written notifications as follows:

- A notification of the date of initiation of construction, within five working days after occurrence; except in the case where pre-permit construction approval has been granted then notification shall be made within five working days after occurrence or within five working days after permit issuance whichever is later;
- A notification of the date of any suspension of construction, if such suspension lasts for one year or more;
- A notification of the anticipated date of initial start-up of the stationary source or facility not more than sixty days or less than thirty days prior to such date; and

- A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date; and
- A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

[IDAPA 58.01.01.211.03, 5/1/94]

## Performance Testing

- 8.7 If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.
- 8.8 All performance 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, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.
- 8.9 Within 60 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

[IDAPA 58.01.01.157, 4/5/00 and 4/11/15]

## Monitoring and Recordkeeping

- 8.10 The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Monitoring records 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 58.01.01.211, 5/1/94]

## Excess Emissions

- 8.11 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130–136 for excess emissions due to start-up, shut-down, scheduled maintenance, safety measures, upsets, and breakdowns.

[IDAPA 58.01.01.130–136, 4/5/00]

## **Certification**

**8.12** All documents submitted to DEQ—including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification—shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

[IDAPA 58.01.01.123, 5/1/94]

## **False Statements**

**8.13** 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]

## **Tampering**

**8.14** 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]

## **Transferability**

**8.15** This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.06.

[IDAPA 58.01.01.209.06, 4/11/06]

## **Severability**

**8.16** 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 58.01.01.211, 5/1/94]

## Appendix A – Emissions Limits

EMISSIONS LIMITS <sup>(a)</sup>										
Emissions Unit	PM <sub>10</sub> <sup>(b)</sup>		NO <sub>x</sub>		SO <sub>2</sub>		CO		VOC <sup>(f)</sup>	
	lb/day <sup>(c)</sup>	ton/yr <sup>(d)</sup>	lb/hr	ton/yr <sup>(d)</sup>	lb/hr	ton/yr <sup>(d)</sup>	lb/hr	ton/yr <sup>(d)</sup>	lb/hr	ton/yr <sup>(d)</sup>
L1-SP Fryer	125.9	23.01	-	-	-	-	-	-	-	-
Line 2 Fryer	96.2	11.00	-	-	-	-	-	-	-	-
Line 4 Fryer	164.4	30.04	-	-	-	-	-	-	-	-
Line 1 Dryer	37.4	6.21	3.53	15.46	0.02	0.09	2.96	12.99	-	-
Line 2 Dryer	26.2	4.36	0.39	1.72	2.35E-03	0.0103	0.33	1.44	-	-
Line 4 Dryer	46.3	7.68	2.70	11.81	0.02	0.07	2.26	9.92	-	-
Special Products Dryer	6.3	1.04	0.49	2.15	2.94E-03	0.01	0.41	1.80	-	-
Boiler 1	36.24	5.87	14.78	64.72	0.11 <sup>(e)</sup>	0.46 <sup>(e)</sup>	5.86	25.66	-	-
Boiler 2	12.89	2.35	7.06	30.92	0.04	0.19	5.93	25.97	-	-
Boiler No. 1 and Boiler No. 2, combined	-	5.89	-	-	-	-	-	-	-	-
Effluent Heater	4.06	0.74	1.86	8.16	-	-	1.56	6.85	-	-
Miscellaneous Heaters and Burners	19.68	3.59	10.69	46.81	-	-	8.98	39.32	-	-
Biogas (When Burned in Boiler No. 1 and/or the Effluent Heater)	-	-	-	-	20.54	74.60	-	-	-	-
Biogas Flare	-	-	1.10	4.00	20.54	81.20	5.01	19.10	-	-
230K Genset	6.64	0.02	11.01	0.29	0.73	0.02	2.37	0.06	-	-
100K Genset	3.10	0.01	5.15	0.13	0.34	0.01	1.11	0.03	-	-
Facility Wide Emissions	-	90.8	-	97.7	-	75.2	-	81.9	-	99.0

- (a) In absence of any other credible evidence, compliance is ensured by complying with permit operating, monitoring, and record keeping requirements.
- (b) Particulate matter with an aerodynamic diameter less than or equal to a nominal ten (10) micrometers, including condensable particulate as defined in IDAPA 58.01.01.006.
- (c) Pounds per day based on 24-hr average hourly emission as determined by a test method prescribed by IDAPA 58.01.01.157, EPA reference test method, continuous emission monitoring system (CEMS) data, or DEQ-approved alternative.
- (d) Tons per any consecutive 12 calendar month period.
- (e) For emissions from natural gas combustion.
- (f) Volatile organic compounds