



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

June 29, 2018

James Gillette, Corporate PSM Environmental Coordinator  
CTI Foods – SSI Food Services Division  
22303 Highway 95  
Wilder, Idaho 83676

RE: Facility ID No. 027-00138, CTI Foods – SSI Food Services Division, Wilder  
Final Permit Letter

Dear Mr. Gillette:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2015.0013 Project 62069 to CTI Foods – SSI Food Services Division located at Wilder for replacement of a water heater with a like unit. 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 May 25, 2018.

This permit is effective immediately and replaces PTC No. P-2015.0013, issued on May 27, 2016. This permit does not release CTI Foods – SSI Food Services Division 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 Boise Regional Office, 1445 N. Orchard St., Boise, ID 83706, Fax (208) 373-0287.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Tom Krinke, AQ Compliance Officer, at (208) 373-0419 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 Rakael Pope at (208) 373-0502 or [Rakael.Pope@deq.idaho.gov](mailto:Rakael.Pope@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".

Mike Simon  
Stationary Source Program Manager  
Air Quality Division

MS\vp

Permit No. P-2015.0013 PROJ 62069

Enclosures

## Air Quality

### PERMIT TO CONSTRUCT

---

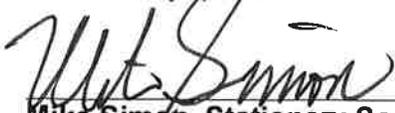
**Permittee** CTI Foods – SSI Food Services Division  
**Permit Number** P-2015.0013  
**Project ID** 62069  
**Facility ID** 027-00138  
**Facility Location** 22303 Highway 95  
Wilder, Idaho 83676

### 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** June 29, 2018

  
Rakaël Pope, Permit Writer

  
Mike Simon, Stationary Source Manager

## Contents

1	Permit Scope.....	3
2	Boilers and Water Heater .....	6
3	Multi-Purpose Ovens (MPOs), Fajita Branders, Unitherms, Cook King, Fajita Fulton, Cook Fulton, and Fulton Thermal Fluid Heater .....	9
4	Emergency IC Engine.....	12
5	General Provisions.....	14

# 1 Permit Scope

## Purpose

- 1.1 This is a revised permit to construct (PTC) to complete administrative corrections and include an equipment change of the 300 Sellers Water Heater that has been replaced with a like model.
- 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.
- 1.3 This PTC replaces Permit to Construct No. P-2015.0013, issued on May 27, 2016.

## Regulated Sources

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

**Table 1.1 Regulated Sources**

Permit Section	Source	Control Equipment
2	<u>500 Sellers Boiler:</u> Manufacturer: Sellers Model: 105E Burner Model: 5000 C-P Manufacture Date: 7/02 Heat input rating: 20.9 MMBtu/hr Fuel: Natural gas	N/A
	<u>350 Clayton Boiler:</u> Manufacturer: Clayton Model: EG-354 Burner Model: 4000-C-P Manufacture Date: 2011 Heat input rating: 14.645 MMBtu/hr Fuel: Natural gas	N/A
	<u>300 Sellers Boiler:</u> Manufacturer: Sellers Model: 105E Burner Model: 4000-C-P Manufacture Date: 1992 Heat input rating: 12.56 MMBtu/hr Fuel: Natural gas	N/A
	<u>200 Sellers Boiler:</u> Manufacturer: Sellers Model: 105E Burner Model: 3000-C-P Manufacture Date: 1992 Heat input rating: 8.37 MMBtu/hr Fuel: Natural gas	N/A
	<u>Sellers Water Heater:</u> Manufacturer: Sellers Model: BT1001500 Burner Model: 3000-C-P Manufacture Date: 2018 Heat input rating: 10.0 MMBtu/hr Fuel: Natural gas	N/A

Permit Section	Source	Control Equipment
3	<u>MPO L1:</u> Manufacturer: MPO Model: D421 Burner Model: 425 P Manufacture Date: 1/1992 Heat input rating: 0.450 MMBtu/hr Max. production: 4,375 lb/hr Fuel: Natural gas	N/A
	<u>MPO L2:</u> Manufacturer: MPO Model: D421 Burner Model: 425 Manufacture Date: 2/1996 Heat input rating: 0.450 MMBtu/hr Max. production: 4,375 lb/hr Fuel: Natural gas	N/A
	<u>Fajita Brander L1:</u> Manufacturer: Custom built Model: 125 Burner Model: L-B Manufacture Date: 10/1998 Heat input rating: 0.650 MMBtu/hr Max. production: 4,375 lb/hr Fuel: Natural gas	N/A
	<u>Fajita Brander L2:</u> Manufacturer: Custom built Model: 125 Burner Model: L-B Manufacture Date: 10/1998 Heat input rating: 0.650 MMBtu/hr Max. production: 4,375 lb/hr Fuel: Natural gas	N/A
	<u>Unitherm L1:</u> Manufacturer: Unitherm Model: 42-12BP Burner Model: L-B Manufacture Date: 2012 Heat input rating: 5.0 MMBtu/hr Max. production: 2,000 lb/hr Fuel: Natural gas	N/A
	<u>Unitherm L2:</u> Manufacturer: Unitherm Model: 42-12BP Burner Model: L-B Manufacture Date: 2012 Heat input rating: 5.0 MMBtu/hr Max. production: 2,000 lb/hr Fuel: Natural gas	N/A
	<u>Cook King P3:</u> Manufacturer: Cook King Model: CB3445L Burner Model: L-B Manufacture Date: 2013 Heat input rating: 1.80 MMBtu/hr Max. production: 1,750 lb/hr Fuel: Natural gas	N/A

Permit Section	Source	Control Equipment
3	<u>Fajita Fulton:</u> Manufacturer: Fulton Model: ST1260F Burner Model: FT-0400-C Manufacture Date: 2001 Heat input rating: 2.40 MMBtu/hr Fuel: Natural gas	N/A
	<u>Cook Fulton:</u> Manufacturer: Fulton Model: FT0240C Burner Model: FT-0240-C Manufacture Date: 1997 Heat input rating: 4.0 MMBtu/hr Fuel: Natural gas	N/A
	<u>Fulton Thermal Fluid Heater:</u> Manufacturer: Fulton Model: FT-0600CU Burner Model: LMV51 Manufacture Date: 2014 Heat input rating: 8.0 MMBtu/hr Fuel: Natural gas	N/A
4	<u>Emergency IC Engine Powering a Fire Water Pump:</u> Manufacturer: Cummins Model: CFP 59-F55 Manufacture Date: 2006 Horsepower rating: 200 bhp Fuel: Diesel	N/A

[6/29/2018]

## 2 Boilers and Water Heater

### 2.1 Process Description

Four natural gas-fired boilers and a natural gas-fired water heater are used to provide steam and hot water for food processing equipment at the facility.

### 2.2 Control Device Descriptions

**Table 2.1 Boilers and Water Heater Description**

Emissions Units / Processes	Control Devices	Emission Points
500 Sellers Boiler	N/A	500HP Exhaust
350 Clayton Boiler	N/A	350HP Exhaust
300 Sellers Boiler	N/A	300HP Exhaust
200 Sellers Boiler	N/A	200HP Exhaust
Sellers Water Heater	N/A	WHTR Exhaust

## Emission Limits

### 2.3 Emission Limits

The emissions from the 500 Sellers Boiler, 350 Clayton Boiler, 300 Sellers Boiler, 200 Sellers Boiler, and Sellers Water Heater stack shall not exceed any corresponding emissions rate limits listed in Table 2.2.

**Table 2.2 Boilers and Water Heater Emission Limits<sup>(a)</sup>**

Source Description	PM <sub>10</sub> <sup>(b)</sup>		SO <sub>2</sub>		NO <sub>x</sub>		CO		VOC	
	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>
500 Sellers Boiler	0.156	0.683	0.012	0.054	2.051	8.984	1.723	7.547	0.113	0.494
350 Clayton Boiler	0.109	0.478	0.009	0.038	1.436	6.289	1.206	5.283	0.079	0.346
300 Sellers Boiler	0.094	0.410	0.0074	0.032	1.231	5.391	1.034	4.529	0.068	0.297
200 Sellers Boiler	0.062	0.273	0.005	0.022	0.821	3.594	0.689	3.020	0.045	0.198
Sellers Water Heater	0.075	0.326	0.006	0.026	0.980	4.294	0.824	3.607	0.054	0.236

- 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 hour, 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.

### 2.4 Opacity Limit

Emissions from the 500 Sellers Boiler, 350 Clayton Boiler, 300 Sellers Boiler, 200 Sellers Boiler, and Sellers Water Heater stacks, or any other stack, vent, or functionally equivalent opening associated with the 500 Sellers Boiler, 350 Clayton Boiler, 300 Sellers Boiler, 200 Sellers Boiler, and Sellers Water Heater, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

## **2.5 Fuel Burning Equipment IDAPA 58.01.01.675**

The 500 Sellers Boiler, 350 Clayton Boiler, 300 Sellers Boiler, 200 Sellers Boiler, and Sellers Water Heater shall not discharge to the atmosphere particulate matter in excess of 0.015 grain per dry standard cubic foot (gr/dscf) of effluent gas corrected to 3% oxygen by volume for gas, in accordance with IDAPA 58.01.01.676.

## **Operating Requirements**

### **2.6 Fuel Use Requirements**

The 500 Sellers Boiler, 350 Clayton Boiler, 300 Sellers Boiler, 200 Sellers Boiler, and Sellers Water Heater shall combust natural gas exclusively.

## **40 CFR 60, Subpart Dc Requirements – Applicable to the 500 Sellers Boiler, 350 Clayton Boiler, 300 Sellers Boiler, and Sellers Water Heater**

### **2.7 Reporting and Recordkeeping Requirements**

In accordance with 40 CFR 60.48c(a), the owner or operator of each affected facility shall submit notification of the date of construction or reconstruction and actual startup, as provided by §60.7 of this part. This notification shall include:

- The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- If applicable, a copy of any federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under §60.42c, or §60.43c.
- The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.
- Notification if an emerging technology will be used for controlling SO<sub>2</sub> emissions. The Administrator will examine the description of the control device and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of §60.42c(a) or (b)(1), unless and until this determination is made by the Administrator.

### **2.8 Recordkeeping Requirements**

In accordance with 40 CFR 60.48c(g)(1), the owner or operator of each affected facility shall record and maintain records of the amount of each fuel combusted during each operating day.

As an alternative to meeting the requirements of paragraph (g)(1) of this section, the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in §60.48c(f) to demonstrate compliance with the SO<sub>2</sub> standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.

As an alternative to meeting the requirements of paragraph (g)(1) of §60.48, the owner or operator of an affected facility or multiple affected facilities located on a contiguous property unit where the only fuels combusted in any steam generating unit (including steam generating units not subject to this subpart) at that property are natural gas, wood, distillate oil meeting the most current requirements in §60.42C to use fuel certification to demonstrate compliance with the SO<sub>2</sub> standard, and/or fuels, excluding coal and residual oil, not subject to an emissions standard

(excluding opacity) may elect to record and maintain records of the total amount of each steam generating unit fuel delivered to that property during each calendar month.

**2.9 Reporting Requirement**

In accordance with 40 CFR 60.48c(j)(1), the reporting period for the reports required under this subpart is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

**2.10 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:

- Standards of Performance for New Stationary Sources (NSPS), 40 CFR Part 60, Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units

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

### 3 Multi-Purpose Ovens (MPOs), Fajita Branders, Unitherms, Cook King, Fajita Fulton, Cook Fulton, and Fulton Thermal Fluid Heater

#### 3.1 Process Description

##### MPOs

The two Multi-Purpose Ovens are on the fajita line, which operate in parallel with each other, and cook the meat products with steam and direct-fired heat.

##### Unitherms

The two Unitherm ovens are searing/cooking units on the Cooked Patty line, with direct-fired heat, and are used to provide char flavor and branding marks on the meat products.

##### Fulton Heaters

Fulton is a brand of thermal fluid heater that provides an in-direct heat source to cook the meat products in the Stein JSO ovens on the cooked patty line and the Pro-grill oven on the fajita line. One Fulton heater is currently dedicated to each line.

##### Cook King

The Cook King is a brand of branding/searing oven on the Fajita Line that adds char flavor and branding marks to the meat products using direct-fired heat.

##### Fulton Thermal Fluid Heater

The Fulton Thermal Fluid Heater is used to heat thermal fluid used to cook products on both the fajita and cooked patty lines.

#### 3.2 Control Device Descriptions

**Table 3.1 Multi-Purpose Ovens (MPOs), Fajita Branders, Unitherms, Cook King, Fajita Fulton, Cook Fulton, and Fulton Thermal Fluid Heater Description**

Emissions Units / Processes	Control Devices	Emission Points
MPO L1	N/A	F11 Exhaust
MPO L2	N/A	F21 Exhaust
Fajita Brander L1	N/A	F12 Exhaust
Fajita Brander L2	N/A	F22 Exhaust
Unitherm L1	N/A	U11 Exhaust
Unitherm L2	N/A	U21 Exhaust
Cook King	N/A	P31 Exhaust
Fajita Fulton	N/A	FAJFUL Exhaust
Cook Fulton	N/A	COOKFUL Exhaust
Fulton Thermal Fluid Heater	N/A	FULTON3 Exhaust

#### Emission Limits

##### 3.3 Emission Limits

The emissions from the Multi-Purpose Ovens (MPOs), Fajita Branders, Unitherms, Cook King, Fajita Fulton, Cook Fulton, and Fulton Thermal Fluid Heater stacks shall not exceed any corresponding emissions rate limits listed in Table 3.2.

**Table 3.2 Multi-Purpose Ovens (MPOs), Fajita Brander, Unitherms, Cook King, Fajita Fulton, Cook Fulton, and Fulton Thermal Fluid Heater Emission Limits <sup>(a)</sup>**

Source Description	PM <sub>10</sub> <sup>(b)</sup>		SO <sub>2</sub>		NO <sub>x</sub>		CO		VOC	
	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>
MPO L1	0.028	0.125	0.0003	0.0012	0.044	0.193	0.037	0.162	0.44	1.92
MPO L2	0.028	0.125	0.0003	0.0012	0.044	0.193	0.037	0.162	0.44	1.92
Fajita Brander L1	0.028	0.125	0.0004	0.0017	0.064	0.279	0.054	0.235	0.44	1.92
Fajita Brander L2	0.028	0.125	0.0004	0.0017	0.064	0.279	0.054	0.235	0.44	1.92
Unitherm L1	0.01	0.06	0.0029	0.0129	0.490	2.147	0.412	1.804	3.00	13.14
Unitherm L2	0.01	0.06	0.0029	0.0129	0.490	2.147	0.412	1.804	3.00	13.14
Cook King	0.01	0.05	0.0011	0.0046	0.176	0.773	0.148	0.649	2.63	11.50
Fajita Fulton	0.018	0.078	0.0014	0.0062	0.235	1.031	0.198	0.866	0.013	0.057
Cook Fulton	0.030	0.131	0.0024	0.010	0.392	1.718	0.329	1.443	0.022	0.095
Fulton Thermal Fluid Heater	0.060	0.262	0.021	0.020	0.784	3.436	0.658	2.886	0.044	0.19

- 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 hour, 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.

### 3.4 Opacity Limit

Emissions from the Multi-Purpose Ovens (MPOs), Fajita Brander, Unitherms, Cook King, Fajita Fulton, Cook Fulton, and Fulton Thermal Fluid Heater stack, or any other stack, vent, or functionally equivalent opening associated with the ovens, brander, and thermal fluid heaters, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

### 3.5 Fuel Burning Equipment IDAPA 58.01.01.675

The Fulton Heaters and the Fulton Thermal Fluid Heater shall not discharge to the atmosphere particulate matter in excess of 0.015 grain per dry standard cubic foot (gr/dscf) of effluent gas corrected to 3% oxygen by volume for gas, in accordance with IDAPA 58.01.01.676

## Operating Requirements

### 3.6 Fuel Use Requirement

The Multi-Purpose Ovens (MPOs), Fajita Brander, Unitherms, Cook King, Fajita Fulton, Cook Fulton, and Fulton Thermal Fluid Heater shall combust natural gas exclusively.

### 3.7 Finished Cooked Meat Throughput Limits

The finished cooked meat throughput at the facility shall not exceed any of the following limits:

- 38,325,000 lb of fajita meat per rolling 12-month period for each Multi-Purpose Oven (MPO).
- 38,325,000 lb of fajita meat per rolling 12-month period for each Fajita Brander.
- 17,520,000 lb of burger per rolling 12-month period for each Unitherm flame grill.
- 15,330,000 lb of burger per rolling 12-month period for the Cook King oven.

## **Monitoring and Recordkeeping Requirements**

### **3.8 Cooked Meat Throughput Monitoring**

The permittee shall monitor and record daily finished cooked meat throughputs to demonstrate compliance with the Finished Cooked Meat Throughput Limits permit condition.

## 4 Emergency IC Engine

### 4.1 Process Description

An emergency IC engine is used to power a fire water pump.

### 4.2 Control Device Descriptions

**Table 4.1 Emergency IC Engine Description**

Emissions Units / Processes	Control Devices	Emission Points
Emergency IC Engine	N/A	FIRE Exhaust

## Emission Limits

### 4.3 Emission Limits

The emissions from the Emergency IC Engine stack shall not exceed any corresponding emissions rate limits listed in Table 4.2.

**Table 4.2 Emergency IC Engine Emission Limits<sup>(a)</sup>**

Source Description	PM <sub>10</sub> <sup>(b)</sup>		SO <sub>2</sub>		NO <sub>x</sub>		CO		VOC	
	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>	lb/hr <sup>(c)</sup>	T/yr <sup>(d)</sup>
Emergency IC Engine	0.44	1.93	0.41	1.80	6.20	27.16	1.34	5.85	0.5	2.20

- 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 hour, 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.

### 4.4 Opacity Limit

Emissions from the Emergency IC Engine stack, or any other stack, vent, or functionally equivalent opening associated with the Emergency IC Engine, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

## 40 CFR 63, Subpart ZZZZ Requirements

### 4.5 IC Engine Maintenance Requirements

In accordance with 40 CFR 63.6603(a), on and after May 3, 2013, 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.
- Install a non-resettable hour meter on each IC engine.

### 4.6 IC Engine Operating Requirements

In accordance with 40 CFR 63.6640(f), on and after May 3, 2013, the following requirements apply:

- There is no time limit on the use of emergency IC engines in emergency situations.

- The emergency IC engines may be operated for any combination of the purposes specified below for a maximum of 100 hours per calendar year.
- The emergency IC engines may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The Permittee may petition EPA 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 IC engines beyond 100 hours per calendar year.
- The emergency IC engines may be operated for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see §63.14), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.
- The emergency IC engines may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.

The emergency IC engines may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided above. Except as provided above, the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

## **Monitoring and Recordkeeping Requirements**

### **4.7 IC Engine Operation Monitoring**

The permittee shall monitor and record maintenance activities and the hours of operation of the IC engine each calendar month during the most recent consecutive 12 calendar-month period.

### **4.8 Incorporation of 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:

- National Emissions Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 63, Subpart ZZZZ - National Emissions Standards 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), 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.

## 5 General Provisions

### General Compliance

5.1 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.]

5.2 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]

5.3 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

5.4 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

5.5 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]

5.6 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; and

- A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

[IDAPA 58.01.01.211.01, 5/1/94]

- 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.

[IDAPA 58.01.01.211.03, 5/1/94]

## Performance Testing

**5.7** 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.

**5.8** 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.

**5.9** 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

**5.10** 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**

- 5.11 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**

- 5.12 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**

- 5.13 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**

- 5.14 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**

- 5.15 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**

- 5.16 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]