



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. Tippets, Director

May 18, 2018

Steve Henson, Plant Manager
PotlatchDeltic Land and Lumber, LLC – St. Maries Lumber Drying Division
2200 Railroad Avenue
St. Maries, Idaho 83861

RE: Facility ID No. 009-00030, PotlatchDeltic Land and Lumber, LLC – St. Maries Lumber Drying
Division
Tier I Operating Permit Administrative Amendment

Dear Mr. Henson:

The Department of Environmental Quality (DEQ) is issuing amended Tier I Operating Permit No. T1-2012.0059 Project to PotlatchDeltic Land and Lumber, LLC – St. Maries Lumber Drying Division pursuant to IDAPA 58.01.01.381, Rules for the Control of Air Pollution in Idaho. This permit has been administratively amended by DEQ as requested in your March 29, 2018 submittal and is effective immediately.

Please be aware this permit replaces Tier I Operating Permit No. T1-2012.0059, dated April 30, 2015, the terms and conditions of which shall no longer apply.

If you have questions regarding the amendment procedure or this notification, please contact Morrie Lewis at 208-373-0502 or Morrie.Lewis@deq.idaho.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Simon".

Mike Simon
Stationary Source Program Manager
Air Quality Division

MS/ML

Permit No. T1-2012.0059 Project 62044

Enclosure

Air Quality

TIER I OPERATING PERMIT

Permittee PotlatchDeltic Land and Lumber, LLC – St. Maries Lumber Drying Division

Permit Number T1-2012.0059

Project ID 62044

Facility ID 009-00030

Facility Location 2200 Railroad Avenue
St. Maries, ID 83861

Permit Authority

This permit (a) is issued according to the “Rules for the Control of Air Pollution in Idaho” (Rules) (IDAPA 58.01.01.300–386) (b) incorporates all applicable terms and conditions of prior air quality permits issued by the Idaho Department of Environmental Quality (DEQ) for the permitted source, unless the permittee emits toxic pollutants subject to state-only requirements pursuant to IDAPA 58.01.01.210 and the permittee elects not to incorporate those terms and conditions into this operating permit.

The permittee shall comply with the terms and conditions of this permit. The effective date of this permit is the date of signature by DEQ on this cover page.

Date Issued May 18, 2018

Date Expires April 30, 2020



Morrie Lewis, Permit Writer



Mike Simon, Stationary Source Manager

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1 Acronyms, Units, and Chemical Nomenclature

AVC	automatic voltage control
Btu	British thermal unit
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CDX	Central Data Exchange
CEDRI	Compliance and Emissions Data Reporting Interface
CEMS	continuous emission monitoring systems
CFR	Code of Federal Regulations
CMS	continuous monitoring systems
CO	carbon monoxide
COMS	continuous opacity monitoring systems
CPMS	continuous parameter monitoring system
DEQ	Idaho Department of Environmental Quality
dscf	dry standard cubic feet
EPA	United States Environmental Protection Agency
ERT	EPA's Electronic Reporting Tool
ESP	electrostatic precipitator
gr	grains (1 lb = 7,000 grains)
HAP	hazardous air pollutants
HCl	hydrogen chloride
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
lb/hr	pounds per hour
MACT	Maximum Achievable Control Technology
MMBtu	million British thermal units
MMBtu/hr	million British thermal units per hour
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO _x	nitrogen oxides
NSPS	New Source Performance Standards
O&M	operation and maintenance
O ₂	oxygen
PM	particulate matter
PM _{2.5}	particulate matter with an aerodynamic diameter less than or equal to a nominal 2.5 micrometers
PM ₁₀	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
PM CPMS	particulate matter continuous parameter monitoring system
ppm	parts per million
PTC	permit to construct
PW	process weight rate
QIP	quality improvement plan (40 CFR 64)
Rules	Rules for the Control of Air Pollution in Idaho
SO ₂	sulfur dioxide
T/R	transformer-rectifier
T/yr	tons per consecutive 12-calendar-month period
T1	Tier I operating permit
U.S.C.	United States Code
VOC	volatile organic compounds

2 Permit Scope

Purpose

- 2.1 This Tier I operating permit establishes facility-wide requirements in accordance with the Idaho State Implementation Plan control strategy and the Rules.
- 2.2 This Tier I operating permit incorporates the following permit:
- Permit to Construct No. P-2009.0062 project 60959, issued on December 20, 2011.
- 2.3 This Tier I operating permit replaces the following permit:
- Tier I Operating Permit No. T1-2012.0059, issued April 30, 2015.

Regulated Sources

- 2.4 Table 2.1 lists all sources of emissions regulated in this Tier I operating permit.

Table 2.1 Regulated Sources

Permit Section	Source Description	Emissions Control
4	<u>Hurst Boiler</u> Manufacturer: Hurst Manufacture/Modification Date: 1987 Model: HYB-6500-150 Burner Type: underfeed stokers Rated Capacity: 34,500 pounds steam per hour ~49 MMBtu/hr Fuels: wood residuals	<u>Multiclone</u> Manufacturer: Hurst Manufacture Date: 1987 <u>Electrostatic precipitator (ESP)</u> Manufacturer: McGill Model: AirClean Intercept Model 2-75 Installed: 2002 Efficiency: 91% for PM ₁₀
5	<u>Lumber-Drying Kilns No. 1 through No. 4</u> Manufacturer: Coe/Moore Installed: 1987 Heat Source: steam from Hurst boiler	None

3 Facility-Wide Conditions

Table 3.1 contains a summary of requirements that apply generally to emissions units at the facility.

Table 3.1 Applicable Requirements Summary

Permit Condition	Parameter	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring and Recordkeeping Requirements
3.1-3.4	Fugitive Dust	Reasonable control	IDAPA 58.01.01.650-651	3.2 - 3.4, 3.22, 3.27
3.5-3.6	Odors	Reasonable control	IDAPA 58.01.01.775-776	3.6, 3.22, 3.27
3.7-3.9	Visible Emissions	20 % opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625	3.8, 3.9, 3.22, 3.27
3.10-3.14	Excess Emissions	Compliance with IDAPA 58.01.01.130-136	IDAPA 58.01.01.130-136	3.10-3.14, 3.22, 3.27
3.15	PM	Wood only 0.080 gr/dscf at 8% O ₂	IDAPA 58.01.01.676	Refer to Section 4 of the permit
3.16-3.17	Sulfur Content	Compliance with IDAPA 58.01.01.725	IDAPA 58.01.01.725	3.17, 3.22, 3.27
3.18	Open Burning	Compliance with IDAPA 58.01.01.600-623	IDAPA 58.01.01.600-623	3.18, 3.22, 3.27
3.19	Asbestos	Compliance with 40 CFR 61, Subpart M	40 CFR 61, Subpart M	3.19, 3.22, 3.27
3.20	Accidental Release Prevention	Compliance with 40 CFR 68	40 CFR 68	3.20, 3.22, 3.27
3.21	Recycling And Emissions Reductions	Compliance with 40 CFR 82, Subpart F	40 CFR 82, Subpart F	3.21, 3.22, 3.27
3.22	Monitoring and Recordkeeping	Maintenance of required records	IDAPA 58.01.01.322.06	3.22, 3.27
3.23 - 3.26	Performance Testing	Compliance testing	IDAPA 58.01.01.157	3.23-3.26, 3.22, 3.27
3.27	Reports and Certification	Submittal of required reports, notifications, and certifications	IDAPA 58.01.01.322.08	3.27
3.28	Incorporation of Federal Requirements by Reference	Compliance with applicable federal requirements referenced	IDAPA 58.01.01.107	3.28

Fugitive Dust

- 3.1** All reasonable precautions shall be taken to prevent PM from becoming airborne in accordance with IDAPA 58.01.01.650-651.
[IDAPA 58.01.01.650-651, 4/11/15]
- 3.2** The permittee shall monitor and maintain records of the frequency and the method(s) used (e.g., water, chemical dust suppressants) to reasonably control fugitive dust emissions.
[IDAPA 58.01.01.322.06, 07, 5/1/94]
- 3.3** The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.
[IDAPA 58.01.01.322.06, 07, 5/1/94]

- 3.4 The permittee shall conduct a monthly facility-wide inspection of potential sources of fugitive dust emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive dust emissions are effective. If fugitive dust emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive dust emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive dust emissions, and the date the corrective action was taken.

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

Odors

- 3.5 The permittee shall not allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.

[IDAPA 58.01.01.775-776 (state-only), 5/1/94]

- 3.6 The permittee shall maintain records of all odor complaints received. If the complaint has merit, the permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

[IDAPA 58.01.01.322.06, 07 (state-only), 5/1/94]

Visible Emissions

- 3.7 The permittee shall not discharge any air pollutant to the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which is greater than 20% opacity as determined by procedures contained in IDAPA 58.01.01.625. These provisions shall not apply when the presence of uncombined water, nitrogen oxides, and/or chlorine gas is the only reason for the failure of the emission to comply with the requirements of this section.

[IDAPA 58.01.01.625, 4/5/00]

- 3.8 The permittee shall conduct a monthly facility-wide inspection of potential sources of visible emissions, during daylight hours and under normal operating conditions. Sources that are monitored using a continuous opacity monitoring system (COMS) are not required to comply with this permit condition. The inspection shall consist of a see/no see evaluation for each potential source of visible emissions. If any visible emissions are present from any point of emission, the permittee shall either:
- a) take appropriate corrective action as expeditiously as practicable to eliminate the visible emissions. Within 24 hours of the initial see/no see evaluation and after the corrective action, the permittee shall conduct a see/no see evaluation of the emissions point in question. If the visible emissions are not eliminated, the permittee shall comply with b).

or

- b) perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20%, as measured using Method 9, for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in its annual compliance certification and in accordance with IDAPA 58.01.01.130-136.

[IDAPA 58.01.01.322.06, 5/1/94]

- 3.9 The permittee shall maintain records of the results of each visible emission inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

[IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]

Excess Emissions

Excess Emissions—General

- 3.10 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130–136 for excess emissions. The provisions of IDAPA 58.01.01.130–136 shall govern in the event of conflicts between the excess emissions facility wide conditions (Permit Conditions 3.10 through 3.14) and the regulations of IDAPA 58.01.01.130–136.

During an excess emissions event, the permittee shall, with all practicable speed, initiate and complete appropriate and reasonable action to correct the conditions causing the excess emissions event; to reduce the frequency of occurrence of such events; to minimize the amount by which the emission standard is exceeded; and shall, as provided below or upon request of DEQ, submit a full report of such occurrence, including a statement of all known causes, and of the scheduling and nature of the actions to be taken.

[IDAPA 58.01.01.132, 4/5/00]

Excess Emissions—Startup, Shutdown, and Scheduled Maintenance

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

- Prohibiting any scheduled startup, shutdown, or maintenance resulting in excess emissions shall occur during any period in which an Atmospheric Stagnation Advisory or a Wood Stove Curtailment Advisory has been declared by DEQ.
- Notifying DEQ of the excess emissions event as soon as reasonably possible, but no later than two hours prior to, the start of the event, unless the permittee demonstrates to DEQ's satisfaction that a shorter advance notice was necessary.
- Reporting and recording the information required pursuant to the excess emissions reporting and recordkeeping requirements (Permit Conditions 3.13 and 3.14) and IDAPA 58.01.01.135 and 136 for each excess emissions event due to startup, shutdown, or scheduled maintenance.

[IDAPA 58.01.01.133, 4/11/06]

Excess Emissions—Upset, Breakdown, or Safety Measures

3.12 In all cases where upset or breakdown of equipment or an emissions unit, or the initiation of safety measures, results or may result in an excess emissions event, the permittee shall demonstrate compliance with IDAPA 58.01.01.134.01(a) and (b) and the following:

- Immediately undertake all appropriate measures to reduce and, to the extent possible, eliminate excess emissions resulting from the event and to minimize the impact of such excess emissions on the ambient air quality and public health.
- Notify DEQ of any upset, breakdown, or safety event that results in excess emissions. Such notification shall identify the time, specific location, equipment or emissions unit involved, and (to the extent known) the cause(s) of the occurrence. The notification shall be given as soon as reasonably possible, but no later than 24 hours after the event, unless the permittee demonstrates to DEQ's satisfaction that the longer reporting period was necessary.
- Report and record the information required pursuant to the excess emissions reporting and recordkeeping facility wide conditions (Permit Conditions 3.13 and 3.14) and IDAPA 58.01.01.135 and 136 for each excess emissions event caused by an upset, breakdown, or safety measure.
- During any period of excess emissions caused by upset, breakdown, or operation under facility safety measures, DEQ may require the permittee to immediately reduce or cease operation of the equipment or emissions unit causing the period until such time as the condition causing the excess has been corrected or brought under control. Such action by DEQ shall be taken upon consideration of the factors listed in IDAPA 58.01.01.134.03 and after consultation with the permittee.

[IDAPA 58.01.01.134, 4/11/06]

Excess Emissions—Reporting and Recordkeeping

3.13 The permittee shall submit a written report to DEQ for each excess emissions event, no later than 15 days after the beginning of such an event. Each report shall contain the information specified in IDAPA 58.01.01.135.02.

[IDAPA 58.01.01.135, 4/11/06]

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

- An excess emissions log book for each emissions unit or piece of equipment containing copies of all reports that have been submitted to DEQ pursuant to IDAPA 58.01.01.135 for the particular emissions unit or equipment; and
- Copies of all startup, shutdown, and scheduled maintenance procedures and upset, breakdown, or safety preventative maintenance plans that have been developed by the permittee in accordance with IDAPA 58.01.01.133 and 134, and facility records as necessary to demonstrate compliance with such procedures and plans.

[IDAPA 58.01.01.136, 4/5/00]

Fuel-Burning Equipment

3.15 The permittee shall not discharge to the atmosphere from any fuel-burning equipment PM in excess of 0.080 gr/dscf of effluent gas corrected to 8% oxygen by volume for wood products.

[IDAPA 58.01.01.676, 5/1/94]

Sulfur Content

3.16 The permittee shall not sell, distribute, use, or make available for use any of the following:

- 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
- DEQ may approve an exemption from these fuel sulfur content requirements (IDAPA 58.01.01.725.01-725.04) if the permittee demonstrates that, through control measures or other means, SO₂ emissions are equal to or less than those resulting from the combustion of fuels complying with these limitations.

[IDAPA 58.01.01.725, 4/11/15]

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

[IDAPA 58.01.01.322.07, 5/1/94]

Open Burning

3.18 The permittee shall comply with the “Rules for Control of Open Burning” (IDAPA 58.01.01.600–623).

[IDAPA 58.01.01.600-623, 3/29/12]

Asbestos

3.19 **NESHAP 40 CFR 61, Subpart M—National Emission Standard for Asbestos**

The permittee shall comply with all applicable portions of 40 CFR 61, Subpart M—“National Emission Standard for Asbestos.”

[40 CFR 61, Subpart M]

Accidental Release Prevention

3.20 An owner or operator of a stationary source that has more than a threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115, shall comply with the requirements of the Chemical Accident Prevention Provisions at 40 CFR 68 no later than the latest of the following dates:

- Three years after the date on which a regulated substance present above a threshold quantity is first listed under 40 CFR 68.130.
- The date on which a regulated substance is first present above a threshold quantity in a process.

[40 CFR 68.10 (a)]

Recycling and Emissions Reductions

3.21 **40 CFR Part 82—Protection of Stratospheric Ozone**

The permittee shall comply with applicable standards for recycling and emissions reduction of refrigerants and their substitutes pursuant to 40 CFR 82, Subpart F, “Recycling and Emissions Reduction.”

[40 CFR 82, Subpart F]

Monitoring and Recordkeeping

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

[IDAPA 58.01.01.322.07, 5/1/94]

Performance Testing

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

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

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

As specified in PTC No. P-2009.0062 project 60959, issued December 20, 2011, for any performance test required by PTC No. P-2009.0062, the permittee shall use the test methods listed in Table 3.2 to measure the pollutant emissions.

Table 3.2 Test Methods

Pollutant	Test Method*	Special Conditions
PM ₁₀	EPA Method 201A and 202, or EPA Method 5 and 202	
PM	EPA Method 5	
NO _x	EPA Method 7	
SO ₂	EPA Method 6	
CO	EPA Method 10	
VOC	EPA Method 25 or 25a	VOCs are to be measured and expressed as carbon
Opacity	EPA Method 9	If an NSPS source, IDAPA 58.01.01.625 and Method 9; otherwise, IDAPA 58.01.01.625 only

* Or DEQ-approved alternative in accordance with IDAPA 58.01.01.157

[PTC No. P-2009.0062, 12/20/11]

- 3.25** Within 60 days following the date in which a compliance 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.
- 3.26** The proposed test date(s), test date rescheduling notice(s), compliance test report, and all other correspondence shall be sent to the DEQ address specified in the "Reports and Certifications" facility-wide condition.

[IDAPA 58.01.01.157, 4/11/15; IDAPA 58.01.01.322.06, 08.a, 09, 4/5/00]

Reports and Certifications

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

Air Quality Permit Compliance
 Department of Environmental Quality
 Coeur d'Alene Regional Office
 2110 Ironwood Parkway
 Coeur d'Alene, Idaho 83814
 Phone: (208) 769-1422
 Fax: (208) 769-1404

[IDAPA 58.01.01.322.08, 11, 4/5/00]

The periodic compliance certification required by General Provision 7.22 shall also be submitted within 30 days of the end of the specified reporting period to:

Part 70 Operating Permit Program
 U.S. EPA Region 10, Mail Stop: OAW-150
 1200 Sixth Ave., Suite 155
 Seattle, WA 98101

[IDAPA 58.01.01.322.08, 11, 4/5/00]

Incorporation of Federal Requirements by Reference

3.28 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 Emission Standards for Hazardous Air Pollutants for Source Categories (NESHAP), 40 CFR Part 63
- Compliance Assurance Monitoring (CAM), 40 CFR 64

For permit conditions referencing or cited in accordance with any document incorporated by reference, 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.

[IDAPA 58.01.01.107, 3/29/17]

4 Hurst Boiler

Summary Description

Table 4.1 describes the devices used to control emissions from the Hurst boiler.

Table 4.1 Emissions Units and Emissions Control Devices

Emissions Unit / Process	Emissions Control Device
Hurst boiler fired by hog fuel and shavings	Multiclone and electrostatic precipitator (ESP)

Table 4.2 contains only a summary of the requirements that apply to the Hurst boiler. Specific permit requirements are listed below Table 4.2.

Table 4.2 Applicable Requirements Summary

Permit Conditions	Parameter	Permit Limit / Standard Summary	Applicable Requirements Reference	Operating, Monitoring, and Recordkeeping Requirements
3.7	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625	4.1 - 4.10, 4.19, 4.20
3.15	Grain loading	0.080 gr/dscf at 8% oxygen	IDAPA 58.01.01.676	4.1 - 4.10, 4.11 - 4.16 (CAM), 4.17, 4.19, 4.20, 4.21 - 4.25 (CAM) ¹
4.28	HCl	2.2E-02 lb per MMBtu of heat input, or 2.5E-02 lb per MMBtu of steam output	40 CFR 63, Subpart DDDDD, Tables 2 and 4 to 40 CFR 63, Subpart DDDDD	4.26 to 4.83
	Mercury	5.7E-06 lb per MMBtu of heat input, or 6.4E-06 lb per MMBtu of steam output		
	CO	1,500 ppm by volume on a dry basis corrected to 3 percent oxygen, or 1.4 lb per MMBtu of steam output		
	Filterable PM	3.7E-02 lb per MMBtu of heat input, or 4.3E-02 lb per MMBtu of steam output		
	Opacity	Less than or equal to 10% on a daily block average		
	Steam production rate	Maintain the 30-day rolling average ² operating load of each unit such that it does not exceed 110 percent of the highest hourly average operating load recorded during the most recent performance test required by 40 CFR 63, Subpart DDDDD.		
	Oxygen content	Maintain the 30-day rolling average oxygen content at or above the lowest hourly average oxygen concentration measured during the most recent CO performance test required by 40 CFR 63, Subpart DDDDD.		

¹ The boiler will not be subject to the CAM Permit Conditions 4.11 to 4.16 and the CAM Permit Conditions 4.21 to 4.25 after the compliance date of January 31, 2016 for 40 CFR 63, Subpart DDDDD.

² EPA has clarified the intent of the operating load limit in their *Boiler MACT: Question and Answer* document (Question 34) and EPA's 2014 proposed revision to the Boiler MACT regulations.

Operating Requirements

4.1 Control Device Requirements

- 4.1.1 A multiclone and ESP in series shall be used to control PM and opacity emissions from the Hurst boiler. The multiclone and ESP shall be maintained in good working order and operated as efficiently as practical in accordance with the Operations and Maintenance (O&M) manual specifications, required by Permit Condition 4.9.
- 4.1.2 If performance testing done in accordance with Permit Conditions 4.5 and 4.6 of Compliance Testing Requirements verifies compliance with visible emissions in Permit Condition 3.7 and fuel-burning equipment grain loading standard in Permit Condition 3.15 when operating only one of the transformer-rectifier (T/R) sets on the ESP, then the boiler may be operated for a reasonable period of time using only one T/R set should one become nonfunctional. While operating only one of the T/R sets, the steaming rate shall not exceed the average steaming rate as defined in Permit Condition 4.4.1 measured during the performance test used to establish the steaming rate limit for operation using only one T/R set. Repairs to the second T/R set shall be made as expeditiously as possible.

[PTC No. P-2009.0062, 12/20/2011]

- 4.2 The permittee shall install, calibrate, maintain, and operate, in accordance with the O&M manual specifications, equipment to continuously measure the secondary voltage and amperage applied by each T/R set to the discharge electrodes while the boiler is operating.

[PTC No. P-2009.0062, 12/20/2011]

- 4.3 The power applied by each T/R set to the discharge electrodes shall be maintained within O&M manual specifications. Documentation of O&M manual power input specifications shall remain on site at all times and shall be made available to DEQ representatives upon request.

[PTC No. P-2009.0062, 12/20/2011]

4.4 Throughput Limits

- 4.4.1 The average steaming rate is defined as the running three-hour average of the steaming rates, as determined from the continuous steaming-rate recorded during the most recent performance test. The average steaming rate shall not exceed 120% of the average steaming rate attained during the most recent compliance test conducted pursuant to this permit that demonstrates compliance with visible emissions in Permit Condition 3.7 and fuel-burning equipment grain loading standard in Permit Condition 3.15. If the tested emission rate is above 0.066 gr/dscf at 8% oxygen, when combusting wood product, the maximum allowable steaming rate shall be limited to the steaming rate calculated using the following equation:

$$\text{Max. allowable avg. steam rate} = (\text{avg. steam rate during test} \times 0.080 \text{ gr/dscf at } 8\% \text{ oxygen}) / (\text{tested grain loading at } 8\% \text{ oxygen})$$

The permittee may conduct additional compliance tests during the permit term to revise the allowable steaming rate, so long as the compliance tests conform to all requirements of this permit. Except during compliance testing, as provided for in Permit Condition 4.6, whenever the steaming rate exceeds the allowable steaming rate, the permittee shall take corrective action within a reasonable time, but no longer than 24 hours from the discovery of the exceedance, to bring the steaming rate to the allowable rate or below. Deviations from this allowable operating rate shall not constitute a violation of this permit, unless the permittee fails to take corrective action or an emissions standard prescribed in this permit is exceeded. DEQ may consider the frequency, duration, or magnitude of the deviations to determine if additional action is required.

- 4.4.2 The permittee shall install, operate, calibrate, and maintain a monitor to continuously measure the steam production rate of the Hurst boiler. Steam production rate records shall be maintained in accordance with Permit Condition 3.22. If the continuous steam production rate monitoring system becomes inoperable, a backup monitoring method consisting of manual monitoring and recording shall be implemented within 96 hours of the monitoring system becoming inoperable, and shall be used until the continuous steam production monitoring system is operational.

[PTC No. P-2009.0062, 12/20/2011]

Compliance Testing Requirements

- 4.5 Within 12 months of the permit issuance, the permittee shall conduct performance tests to demonstrate compliance with the visible emissions limit in Permit Condition 3.7 and the fuel-burning equipment grain loading standard in Permit Condition 3.15. The tests shall be conducted in accordance with Performance Testing Permit Conditions 3.23 to 3.26 and the requirements to monitor and record information in Permit Condition 4.7.

[IDAPA 58.01.01.322.06, 5/1/94]

- 4.6 The permittee may conduct additional compliance tests during the permit term at steaming rates in excess of the rate established by Permit Condition 4.4.1 to establish a higher steaming rate, so long as compliance with all applicable terms and conditions of this permit is demonstrated.

[PTC No. P-2009.0062, 12/20/2011]

- 4.7 The permittee shall collect a fuel sample for a wood waste fuel analysis and monitor and record the following information during each compliance test:

- Visible emissions, using the methods and procedures contained in IDAPA 58.01.01.625
- Steam production rate, expressed as pounds of steam per hour (lb/hr)
- Power input to the ESP (the sum of the secondary voltage times secondary current for both transformer-rectifier (T/R) sets, or $P = V_1I_1 + V_2I_2$).

[PTC No. P-2009.0062, 12/20/2011]

Monitoring and Recordkeeping Requirements

4.8 Secondary Voltage and Amperage Monitoring Requirements

The average power input (secondary voltage times secondary current for both transformer – rectifier sets, or $P = V_1I_1 + V_2I_2$) is defined as the running three-hour average of the recorded power input levels. When operating, the permittee shall monitor and record the average power input every hour. The voltage and amperage recorded shall be consistent with O&M manual units of measure.

[PTC No. P-2009.0062, 12/20/2011]

4.9 Operations and Maintenance Manual Requirements

The O&M manual shall be maintained and updated as needed for the boiler, multiclone and electrostatic precipitator. The O&M manual shall include, at a minimum, the most recent general descriptions of the equipment; the normal operating conditions and procedures for the equipment; startup, shutdown, and maintenance procedures; upset conditions guidelines; and corrective action procedures. This manual shall be kept at the facility and shall be made available to DEQ representatives upon request.

[PTC No. P-2009.0062, 12/20/2011]

4.10 Excursions

The permittee shall record all instances of excursions from the operating and maintenance methods and procedures outlined in the O&M manuals developed in accordance with permit condition 4.9. Excursions shall be recorded as any instance where the permittee fails to follow the methods and procedures detailed in the equipment's O&M manual.

[PTC No. P-2009.0062, 12/20/2011; 40 CFR 64.6(c)(2)]

- 4.11** The O&M manual shall include documentation of the automatic voltage control (AVC) settings for the ESP.

[40 CFR 64]

- 4.12** At all times, the permittee shall maintain the ESP monitoring, including but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment. Monitoring shall have the same meaning as provided under 40 CFR 64.1.

[40 CFR 64.7(b), 64.6(c)(3)]

- 4.13** Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero-and-span adjustments), the permittee shall collect data from the ESP power input monitoring system at all required intervals and at all times the Hurst boiler is operating, as required by 40 CFR 64.7(c).

[40 CFR 64.7(c), 64.6(c)(3)]

- 4.14** Upon detection of an excursion or exceedance, the permittee shall restore operation of the Hurst boiler, the multiclone, the ESP, and the ESP power input monitoring system to their normal or usual manner of operation as expeditiously as practicable, in accordance with good air pollution control practices for minimizing emissions, and in accordance with the provisions of 40 CFR 64.7(d).

[40 CFR 64.7(d), 64.6(c)(3)]

- 4.15** If the permittee identifies a failure to achieve compliance with an emission limitation or standard for which approved monitoring did not provide indication of an excursion or exceedance while providing valid data, or the results of compliance testing document a need to modify the existing indicator ranges or designated conditions, the permittee shall promptly notify DEQ and, if necessary, submit a proposed modification to this operating permit to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring of additional parameters.

[40 CFR 64.7(e), 64.6(c)(3)]

- 4.16** If the cumulative time that the multiclone or ESP is determined to not be operated in accordance with the O&M manual specifications or the ESP power input monitoring system, which indicates an excursion condition, as defined in Permit Conditions 4.10, 4.21, and 4.24, that exceeds 13,140 minutes in any six-month period (5% per semiannual reporting period, 40 CFR 64.8(a)), a quality improvement plan (QIP) shall be developed and implemented in accordance with 40 CFR 64.8.

[40 CFR 64.8(a)]

- 4.17** The boiler will not be subject to the CAM Permit Conditions 4.11 to 4.16 and the CAM Permit Conditions 4.21 to 4.25 after the compliance date of January 31, 2016 for 40 CFR 63, Subpart DDDDD.

- 4.18** Reserved

Reporting Requirements

4.19 Compliance Test Protocol

The permittee shall submit a compliance test protocol for approval at least 30 days prior to conducting any compliance test required by Permit Conditions 4.5 or 4.6.

[PTC No. P-2009.0062, 12/20/2011]

4.20 Compliance Test Report

The permittee shall submit a report of the results of any compliance test required in Permit Conditions 4.5 or 4.6, including all required process data, to DEQ within 30 days after the date on which any required compliance test is concluded.

[PTC No. P-2009.0062, 12/20/2011]

4.21 The permittee shall submit a report for monitoring required by 40 CFR 64. The report shall include, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the following information, as applicable:

- Summary information on the number, duration, and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken.
- Summary information on the number, duration, and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero-and-span or other daily calibration checks, if applicable).
- A description of the actions taken to implement a QIP during the reporting period as specified in 40 CFR 64.8. Upon completion of a QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances.

[40 CFR 64.9(a)]

4.22 The owner or operator shall comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). The owner or operator shall maintain records of monitoring data, monitor performance data, corrective actions taken, any written QIP required pursuant to 40 CFR 64.8, and any activities undertaken to implement a QIP, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions).

[40 CFR 64.9(b)]

4.23 In accordance with 40 CFR 64, an exceedance is defined as:

- Opacity from the boiler exceeding 20% opacity as determined by the method specified in IDAPA 58.01.01.625.
- PM emissions from the boiler exceeding 0.080 gr/dscf at 8% oxygen.

[40 CFR 64.6(c)(2)]

4.24 In accordance with 40 CFR 64, an excursion is defined as:

- Monitoring of the power input less frequently than specified in Permit Condition 4.8.

[40 CFR 64.6(c)(2)]

- 4.25** After any change of the automatic voltage control (AVC) setting on the ESP, the permittee shall conduct a PM source test in accordance with Performance Test Permit Conditions 3.23 to 3.26 and the requirements to monitor and record information in Permit Condition 4.7 to demonstrate compliance with visible emissions limit in Permit Conditions 3.7 and fuel-burning equipment grain loading standard in Permit Condition 3.15.

After any change of the AVC setting on the ESP and prior to operating only one of the T/R sets, the permittee shall conduct a PM source test in accordance with Performance Test Permit Conditions 3.23 to 3.26 and the requirements to monitor and record information in Permit Condition 4.7 to demonstrate compliance with visible emissions limit in Permit Conditions 3.7 and fuel-burning equipment grain loading standard in Permit Condition 3.15 when operating only one of the T/R sets on the ESP.

[40 CFR 64.6]

40 CFR 63, Subpart DDDDD—National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters

4.26 Applicability

40 CFR 63, Subpart DDDDD applies to the Hurst boiler in accordance with 40 CFR 63.7485. The Hurst boiler is an existing affected source in accordance with 40 CFR 63.7490(d). The Hurst boiler falls into the subcategory of stokers/sloped grate/other units designed to burn wet biomass/bio-based solid in accordance with 40 CFR 63.7499(i).

40 CFR 63.7499(i) Stokers/sloped grate/other units designed to burn wet biomass/bio-based solid.
[40 CFR 63.7485, 63.7490(d), & 40 CFR 63.7499(i)]

4.27 Compliance Date

The Hurst boiler is an existing source and shall comply with 40 CFR 63, Subpart DDDDD by January 31, 2016 in accordance with 40 CFR 63.7495(b).

[40 CFR 63.7495(b)]

Emission Limitations and Work Practice Standards

4.28 Emission Limitations, Work Practice Standards, and Operating Limits

In accordance with 40 CFR 63.7500(a), the permittee shall meet the requirements in paragraphs (a)(1) through (3) of 40 CFR 63.7500, except an EPA approved alternative to the work practice standards as provided in 40 CFR 63.7500(b). The permittee shall meet these requirements at all times the affected unit is operating, except during periods of startup and shutdown during which time the permittee shall comply only with Table 3 to 40 CFR 63, Subpart DDDDD, as provided in 40 CFR 63.7500(f).

[40 CFR 63.7500(a) & (f)]

- In accordance with 40 CFR 63.7500(a)(1), the permittee shall meet each emission limit and work practice standard in Tables 2 and 3 to 40 CFR 63, Subpart DDDDD that apply to the permittee.

Table 4.3 (Table 2 to 40 CFR 63, Subpart DDDDD) Emission Limits that Apply to the Hurst Boiler

If the boiler or process heater is in this subcategory . . .	For the following pollutants . . .	The emissions must not exceed the following emission limits, except during startup and shutdown...	The emissions must not exceed the following alternative output-based limits, except during startup and shutdown...	Using this specified sampling volume or test run duration...
Units in all subcategories designed to burn solid fuel	a. HCl	2.2E-02 lb per MMBtu of heat input	2.5E-02 lb per MMBtu of steam output	For M26A, collect a minimum of 1 dscm per run; for M26 collect a minimum of 120 liters per run.
	b. Mercury	5.7E-06 lb per MMBtu of heat input	6.4E-06 lb per MMBtu of steam output	For M29, collect a minimum of 3 dscm per run; for M30A or M30B, collect a minimum sample as specified in the method; for ASTM D6784, collect a minimum of 3 dscm.
Stokers/sloped grate/others designed to burn wet biomass fuel	a. CO	1,500 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average	1.4 lb per MMBtu of steam output; 3-run average	1 hr minimum sampling time
	b. Filterable PM	3.7E-02 lb per MMBtu of heat input	4.3E-02 lb per MMBtu of steam output	Collect a minimum of 2 dscm per run

Table 4.4 (Table 3 to 40 CFR 63, Subpart DDDDD) Work Practices Standards that Apply to the Hurst Boiler

If the unit is...	The permittee must do the following...
An existing boiler without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater	Conduct a tune-up of the boiler annually as specified in 40 CFR 63.7540. The boiler will conduct this tune-up as a work practice for dioxins/furans.
An existing boiler located at a major source facility, not including limited use units	<p>Must have a one-time energy assessment performed on the major source facility by qualified energy assessor. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements in this table, satisfies the energy assessment requirement. The energy assessment must include the following with extent of the evaluation for items a. to e. appropriate for the on-site technical hours listed in 40 CFR 63.7575:</p> <ul style="list-style-type: none"> a. A visual inspection of the hog boiler. b. An evaluation of operating characteristics of the boiler, specifications of energy using systems, operating and maintenance procedures, and unusual operating constraints. c. An inventory of major energy use systems consuming energy from the Hurst boiler and which are under the control of the boiler/process heater owner/operator. d. A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage. e. A review of the facility's energy management practices and provide recommendations for improvements consistent with the definition of energy management practices, if identified. f. A list of cost-effective energy conservation measures that are within the facility's control. g. A list of the energy savings potential of the energy conservation measures identified. h. A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments. <p>According to 40 CFR 63.7575, the definition of energy assessment, paragraph 3, the energy assessment for facilities with affected boilers with a combined heat input capacity greater than 1.0 TBtu/yr will be up to 24 on-site technical labor hours in length for the first TBtu/yr plus 8 on-site technical labor hours for every additional 1.0 TBtu/yr not to exceed 160 on-site technical hours, but may be longer at the discretion of the owner or operator of the affected source. The boiler system(s), process heater(s), and any on-site energy use system(s) accounting for at least 20 percent of the energy (e.g., steam, process heat, hot water, or electricity) production, as applicable, will be evaluated to identify energy savings opportunities.¹</p> <p>The on-site energy use systems serving as the basis for the percent of affected boiler(s) and process heater(s) energy production in above paragraph may be segmented by production area or energy use area as most logical and applicable to the specific facility being assessed (e.g., product X manufacturing area; product Y drying area; Building Z).¹</p>

Table 4.4 (continued)

If the unit is...	The permittee must do the following...
An existing boiler subject to emission limits in Table 2 to 40 CFR 63, Subpart DDDDD during startup.	The permittee shall operate all CMS during startup. For startup of a boiler, the permittee shall use one or a combination of the following clean fuels: natural gas, synthetic natural gas, propane, distillate oil, syngas, ultra-low sulfur diesel, fuel oil-soaked rags, kerosene, hydrogen, paper, cardboard, refinery gas, and liquefied petroleum gas. If the permittee starts firing biomass/bio-based solids, the permittee shall vent emissions to the main stack(s) and engage all of the applicable control devices. Startup ends when steam or heat is supplied for any purpose. The permittee shall comply with all applicable emission limits at all times except for startup or shutdown periods conforming with this work practice. The permittee shall collect monitoring data during periods of startup, as specified in 40 CFR 63.7535(b). The permittee shall keep records during periods of startup. The permittee shall provide reports concerning activities and periods of startup, as specified in 40 CFR 63.7555.
An existing boiler subject to emission limits in Table 2 to 40 CFR 63, Subpart DDDDD during shutdown.	The permittee shall operate all CMS during shutdown. While firing biomass/bio-based solids, the permittee shall vent emissions to the main stack(s) and engage all of the applicable control devices. The permittee must comply with all applicable emissions limits at all times except for startup or shutdown periods conforming with this work practice. The permittee must collect monitoring data during periods of shutdown, as specified in 40 CFR 63.7535(b). The permittee must keep records during periods of shutdown. The permittee must provide reports concerning activities and periods of shutdown, as specified in 40 CFR 63.7555.

¹This paragraph is taken from 40 CFR 63.7575 and is not from Table 3 to 40 CFR 63, Subpart DDDDD

[40 CFR 63.7500(a)(1)]

- In accordance with 40 CFR 63.7500(a)(2), the permittee shall meet each operating limit in Table 4 to 40 CFR 63, Subpart DDDDD that applies to the permittee.

Table 4.5 (Table 4 to 40 CFR 63, Subpart DDDDD): Operating Limits that Apply to the Hurst Boiler

When complying with a Table 2 numerical emission limit using...	The permittee must meet these operating limits...
Electrostatic precipitator control on units not using a particulate matter continuous parameter monitoring system (PM CPMS),	Existing boilers must maintain opacity to less than or equal to 10 percent opacity (daily block average).
Performance testing	For boilers that demonstrate compliance with a performance test, the permittee shall maintain the 30-day rolling average ¹ operating load of each unit such that it does not exceed 110 percent of the highest hourly average operating load recorded during the most recent performance test.
Oxygen analyzer system	For boilers subject to a CO emission limit that demonstrate compliance with an O ₂ analyzer system as specified in 40 CFR 63.7525(a), the permittee shall maintain the 30-day rolling average oxygen content at or above the lowest hourly average oxygen concentration measured during the most recent CO performance test, as specified in Table 8 to 40 CFR 63, Subpart DDDDD.

¹ EPA has clarified the intent of the operating load limit in their *Boiler MACT: Question and Answer* document (Question 34) and EPA's 2014 proposed revision to the Boiler MACT regulations.

[40 CFR 63.7500(a)(2)]

- In accordance with 40 CFR 63.7500(a)(3), at all times, the permittee shall operate and maintain the Hurst boiler, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

[40 CFR 63.7500(a)(3)]

- 4.29** In accordance with 40 CFR 63.7500(b), as provided in 40 CFR 63.6(g), EPA may approve use of an alternative to the work practice standards in 40 CFR 63.7500. Please refer to CFR for the details of 40 CFR 63.6(g).

[40 CFR 63.7500(b)]

4.30 Affirmative Defense for Violation of Emission Standards during Malfunction

In accordance with 40 CFR 63.7501, in response to an action to enforce the standards set forth in 40 CFR 63.7500 the permittee may assert an affirmative defense to a claim for civil penalties for violations of such standards that are caused by malfunction, as defined at 40 CFR 63.2. The section is not explicitly included in the permit. Please refer to CFR for details.

[40 CFR 63.7501]

General Compliance Requirements

4.31 General Requirements

In accordance with 40 CFR 63.7505(c), the permittee shall demonstrate compliance with all applicable emission limits using performance stack testing, or continuous monitoring systems (CMS), including continuous opacity monitoring system (COMS) and continuous parameter monitoring system (CPMS).

[40 CFR 63.7505(c)]

4.32 A Site-Specific Monitoring Plan

In accordance with 40 CFR 63.7505(d), because the permittee demonstrates compliance with applicable emission limits through performance testing and subsequent compliance with operating limits (including the use of CPMS), or with COMS, the permittee shall develop a site-specific monitoring plan according to the requirements in 40 CFR 63.7505(d)(1) through (4) for the use of any COMS, or CPMS. This requirement also applies to the permittee if the permittee petitions the EPA Administrator for alternative monitoring parameters under 40 CFR 63.8(f).

[40 CFR 63.7505(d)]

- In accordance with 40 CFR 63.7505(d)(1), for each CMS required in this section (including COMS, or CPMS), the permittee shall develop, and submit to the Administrator for approval upon request, a site-specific monitoring plan that addresses design, data collection, and the quality assurance and quality control elements outlined in 40 CFR 63.8(d) and the elements described in 40 CFR 63.7505 (d)(1)(i) through (iii). The permittee shall submit this site-specific monitoring plan, if requested, at least 60 days before the permittee's initial performance evaluation of the CMS. Using the process described in 40 CFR 63.8(f)(4), the permittee may request approval of alternative monitoring system quality assurance and quality control procedures in place of those specified in this paragraph and, if approved, include the alternatives in the site-specific monitoring plan.
 - In accordance with 40 CFR 63.7505(d)(1)(i), installation of the CMS sampling probe or other interface at a measurement location relative to each affected process unit such that

the measurement is representative of control of the exhaust emissions (e.g., on or downstream of the last control device);

- In accordance with 40 CFR 63.7505(d)(1)(ii), performance and equipment specifications for the sample interface, the pollutant concentration or parametric signal analyzer, and the data collection and reduction systems; and
- In accordance with 40 CFR 63.7505(d)(1)(iii), performance evaluation procedures and acceptance criteria (e.g., calibrations, accuracy audits, analytical drift).

[40 CFR 63.7505(d)(1)]

- In accordance with 40 CFR 63.7505(d)(2), in the site-specific monitoring plan, the permittee shall also address paragraphs 40 CFR 63.7505(d)(2)(i) through (iii).
 - In accordance with 40 CFR 63.7505(d)(2)(i), ongoing operation and maintenance procedures in accordance with the general requirements of 40 CFR 63.8(c)(1)(ii), (c)(3), and (c)(4)(ii);
 - In accordance with 40 CFR 63.7505(d)(2)(ii), ongoing data quality assurance procedures in accordance with the general requirements of 40 CFR 63.8(d); and
 - In accordance with 40 CFR 63.7505(d)(2)(iii), ongoing recordkeeping and reporting procedures in accordance with the general requirements 40 CFR 63.10(c) (as applicable in Table 10 to 40 CFR 63, Subpart DDDDD), (e)(1), and (e)(2)(i).
- [40 CFR 63.7505(d)(2)]
- In accordance with 40 CFR 63.7505(d)(3), the permittee shall conduct a performance evaluation of each CMS in accordance with the site-specific monitoring plan.
- [40 CFR 63.7505(d)(3)]
- In accordance with 40 CFR 63.7505(d)(4), the permittee shall operate and maintain the CMS in continuous operation according to the site-specific monitoring plan.
- [40 CFR 63.7505(d)(4)]

Testing and Initial Compliance Requirements

4.33 Initial Compliance Dates and Requirements

For initial compliance dates, in accordance with 40 CFR 63.7510(e),

- The permittee shall complete the initial compliance demonstration, as specified in 40 CFR 63.7510(a) through (d), no later than July 29, 2016 (180 days after the compliance date specified in 40 CFR 63.7495) and according to the applicable provisions in 40 CFR 63.7(a)(2) as cited in Table 10 to 40 CFR 63, Subpart DDDDD except as specified in 40 CFR 63.7510(j).
- The permittee shall complete an initial tune-up by following the procedures described in 40 CFR 63.7540(a)(10)(i) through (vi) no later than January 31, 2016, the compliance date specified in 40 CFR 63.7495, except as specified in 40 CFR 63.7510(j).
- The permittee shall complete the one-time energy assessment specified in Table 3 to 40 CFR 63, Subpart DDDDD no later than January 31, 2016, the compliance date specified in 40 CFR 63.7495, except as specified in 40 CFR 63.7510(j).

- In accordance with 40 CFR 63.7510(j), for existing affected sources (as defined in 40 CFR 63.7490) that have not operated between the effective date of the rule and the compliance date that is specified for your source in 40 CFR 63.7495, the permittee must complete the initial compliance demonstration, if subject to the emission limits in Table 2 to 40 CFR 63, Subpart DDDDD, no later than 180 days after the re-start of the affected source and according to the applicable provisions in 40 CFR 63.7(a)(2) as cited in Table 10 to 40 CFR 63, Subpart DDDDD. The permittee must complete an initial tune-up by following the procedures described in 40 CFR 63.7540(a)(10)(i) through (vi) no later than 30 days after the re-start of the affected source and, if applicable, complete the one-time energy assessment specified in Table 3 to this subpart, no later than January 31, 2016, the compliance date specified in 40 CFR 63.7495.

[40 CFR 63.7510(e), (j)]

4.34 In accordance with 40 CFR 63.7510(a), for the boiler that is required or that the permittee elects to demonstrate compliance with any of the applicable emission limits in Table 2 to 40 CFR 63, Subpart DDDDD through performance testing, the initial compliance requirements include all the following:

- In accordance with 40 CFR 63.7510(a)(1), conduct performance tests according to 40 CFR 63.7520 and Table 5 to 40 CFR 63, Subpart DDDDD.
- In accordance with 40 CFR 63.7510(a)(3), establish operating limits according to 40 CFR 63.7530 and Table 7 to 40 CFR 63, Subpart DDDDD.
- In accordance with 40 CFR 63.7510(a)(4), conduct CMS performance evaluations according to 40 CFR 63.7525.

[40 CFR 63.7510(a)]

4.35 In accordance with 40 CFR 63.7510(c), the initial compliance demonstration for CO is to conduct a performance test for CO according to Table 5 to 40 CFR 63, Subpart DDDDD.

[40 CFR 63.7510(c)]

4.36 In accordance with 40 CFR 63.7510(d), the initial compliance demonstration for PM is to conduct a performance test in accordance with 40 CFR 63.7520 and Table 5 to 40 CFR 63, Subpart DDDDD.

[40 CFR 63.7510(d)]

4.37 Schedules for Subsequent Performance Tests and Tune-Ups

In accordance with 40 CFR 63.7515(a), the permittee shall conduct all applicable performance tests according to 40 CFR 63.7520 on an annual basis, except as specified in paragraphs (b) through (d), (f), and (g) of 40 CFR 63.7515. Annual performance tests must be completed no more than 13 months after the previous performance test, except as specified in paragraphs (b) through (d), (f), and (g) of 40 CFR 63.7515.

[40 CFR 63.7515(a)]

4.38 In accordance with 40 CFR 63.7515(b), if the performance tests for a given pollutant for at least 2 consecutive years show that the emissions are at or below 75 percent of the emission limit (or, in limited instances as specified in Table 2 to 40 CFR 63, Subpart DDDDD, at or below the emission limit) for the pollutant, and if there are no changes in the operation of the individual boiler or air pollution control equipment that could increase emissions, the permittee may choose to conduct performance tests for the pollutant every third year. Each such performance test must be conducted no more than 37 months after the previous performance test.

[40 CFR 63.7515(b)]

- 4.39 In accordance with 40 CFR 63.7515(c), if a performance test shows emissions exceeded the emission limit or 75 percent of the emission limit (as specified in Table 2 to 40 CFR 63, Subpart DDDDD) for a pollutant, the permittee shall conduct annual performance tests for that pollutant until all performance tests over a consecutive 2-year period meet the required level (at or below 75 percent of the emission limit, as specified in Table 2 to 40 CFR 63, Subpart DDDDD).
[40 CFR 63.7515(c)]
- 4.40 In accordance with 40 CFR 63.7515(d), because the permittee is required to meet an applicable tune-up work practice standard, the permittee shall conduct an annual (without a continuous oxygen trim system that maintains an optimum air to fuel ratio) performance tune-up according to 40 CFR 63.7540(a)(10). Each annual tune-up specified in 40 CFR 63.7540(a)(10) must be no more than 13 months after the previous tune-up.
[40 CFR 63.7515(d)]
- 4.41 In accordance with 40 CFR 63.7515(f), the permittee shall report the results of performance tests within 60 days after the completion of the performance tests. This report must also verify that the operating limits for the Hurst boiler have not changed or provide documentation of revised operating limits established according to 40 CFR 63.7530 and Table 7 to 40 CFR 63, Subpart DDDDD, as applicable. The reports for all subsequent performance tests must include all applicable information required in 40 CFR 63.7550.
[40 CFR 63.7515(f)]
- 4.42 In accordance with 40 CFR 63.7515(g), if the boiler that has not operated since the previous compliance demonstration and more than one year has passed since the previous compliance demonstration, the permittee shall complete the subsequent compliance demonstration, if subject to the emission limits in Table 2 to 40 CFR 63, Subpart DDDDD, no later than 180 days after the re-start of the boiler and according to the applicable provisions in 40 CFR 63.7(a)(2) as cited in Table 10 to 40 CFR 63, Subpart DDDDD. The permittee shall complete a subsequent tune-up by following the procedures described in 40 CFR 63.7540(a)(10)(i) through (vi) and the schedule described in 40 CFR 63.7540(a)(13) for units that are not operating at the time of their scheduled tune-up.
[40 CFR 63.7515(g)]
- 4.43 **Stack Tests Procedures**
- In accordance with 40 CFR 63.7520(a), the permittee shall conduct all performance tests according to 40 CFR 63.7(c), (d), (f), and (h). The permittee shall also develop a site-specific stack test plan according to the requirements in 40 CFR 63.7(c). The permittee shall conduct all performance tests under such conditions as the Administrator specifies to the permittee based on the representative performance of each boiler for the period being tested. Upon request, the permittee shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests.
[40 CFR 63.7520(a)]
- 4.44 In accordance with 40 CFR 63.7520(b), the permittee shall conduct each performance test according to the requirements in Table 5 to 40 CFR 63, Subpart DDDDD that applies to the permittee.

Table 4.6 (Table 5 to 40 CFR 63, Subpart DDDDD) – Performance Testing Requirements

To conduct a performance test for the following pollutant...	The permittee must...	Using...
1. Filterable PM	a. Select sampling ports location and the number of traverse points	Method 1 at 40 CFR part 60, appendix A-1 of this chapter.
	b. Determine velocity and volumetric flow-rate of the stack gas	Method 2, 2F, or 2G at 40 CFR part 60, appendix A-1 or A-2 to part 60 of this chapter.
	c. Determine oxygen or carbon dioxide concentration of the stack gas	Method 3A or 3B at 40 CFR part 60, appendix A-2 to part 60 of this chapter, or ANSI/ASME PTC 19.10-1981.
	d. Measure the moisture content of the stack gas	Method 4 at 40 CFR part 60, appendix A-3 of this chapter.
	e. Measure the PM emission concentration	Method 5 or 17 (positive pressure fabric filters must use Method 5D) at 40 CFR part 60, appendix A-3 or A-6 of this chapter.
	f. Convert emissions concentration to lb per MMBtu emission rates	Method 19 F-factor methodology at 40 CFR part 60, appendix A-7 of this chapter.
2. Hydrogen chloride	a. Select sampling ports location and the number of traverse points	Method 1 at 40 CFR part 60, appendix A-1 of this chapter.
	b. Determine velocity and volumetric flow-rate of the stack gas	Method 2, 2F, or 2G at 40 CFR part 60, appendix A-2 of this chapter.
	c. Determine oxygen or carbon dioxide concentration of the stack gas	Method 3A or 3B at 40 CFR part 60, appendix A-2 of this chapter, or ANSI/ASME PTC 19.10-1981.
	d. Measure the moisture content of the stack gas	Method 4 at 40 CFR part 60, appendix A-3 of this chapter.
	e. Measure the hydrogen chloride emission concentration	Method 26 or 26A (M26 or M26A) at 40 CFR part 60, appendix A-8 of this chapter.
	f. Convert emissions concentration to lb per MMBtu emission rates	Method 19 F-factor methodology at 40 CFR part 60, appendix A-7 of this chapter.
3. Mercury	a. Select sampling ports location and the number of traverse points	Method 1 at 40 CFR part 60, appendix A-1 of this chapter.
	b. Determine velocity and volumetric flow-rate of the stack gas	Method 2, 2F, or 2G at 40 CFR part 60, appendix A-1 or A-2 of this chapter.
	c. Determine oxygen or carbon dioxide concentration of the stack gas	Method 3A or 3B at 40 CFR part 60, appendix A-1 of this chapter, or ANSI/ASME PTC 19.10-1981.

To conduct a performance test for the following pollutant...	The permittee must...	Using...
	d. Measure the moisture content of the stack gas	Method 4 at 40 CFR part 60, appendix A-3 of this chapter.
	e. Measure the mercury emission concentration	Method 29, 30A, or 30B (M29, M30A, or M30B) at 40 CFR part 60, appendix A-8 of this chapter or Method 101A at 40 CFR part 61, appendix B of this chapter, or ASTM Method D6784.
	f. Convert emissions concentration to lb per MMBtu emission rates	Method 19 F-factor methodology at 40 CFR part 60, appendix A-7 of this chapter.
4. CO	a. Select the sampling ports location and the number of traverse points	Method 1 at 40 CFR part 60, appendix A-1 of this chapter.
	b. Determine oxygen concentration of the stack gas	Method 3A or 3B at 40 CFR part 60, appendix A-3 of this chapter, or ASTM D6522-00 (Reapproved 2005), or ANSI/ASME PTC 19.10-1981.
	c. Measure the moisture content of the stack gas	Method 4 at 40 CFR part 60, appendix A-3 of this chapter.
	d. Measure the CO emission concentration	Method 10 at 40 CFR part 60, appendix A-4 of this chapter. Use a measurement span value of 2 times the concentration of the applicable emission limit.

[40 CFR 63.7520(b)]

4.45 In accordance with 40 CFR 63.7520(c), the permittee shall conduct each performance test under the specific conditions listed in Tables 5 and 7 to 40 CFR 63, Subpart DDDDD. The permittee shall conduct performance tests at representative operating load conditions while burning the type of fuel that has the highest content of chlorine and mercury and the permittee shall demonstrate initial compliance and establish the operating limits based on these performance tests. These requirements could result in the need to conduct more than one performance test. Following each performance test and until the next performance test, the permittee must comply with the operating limit for operating load conditions specified in Table 4 to 40 CFR 63, Subpart DDDDD that apply to the permittee.

Table 4.7 (Table 7 to 40 CFR 63, Subpart DDDDD) – Establishing Operating Limits

If the permittee has an applicable emission limit for. . .	And the operating limits are based on ...	The permittee must...	Using ...	According to the following requirements
Carbon Monoxide	a. oxygen...	i. Establish a unit-specific limit for minimum oxygen level according to 40 CFR 63.7525.	(1) data from the oxygen analyzer system specified in 40 CFR 63.7525(a).	(a) The permittee must collect oxygen data every 15 minutes during the entire period of the performance test. (b) Determine the hourly average oxygen concentration by computing the hourly averages using all of the 15-minute readings taken during each performance test. (c) Determine the lowest hourly average established during the performance test as the minimum operating limit.
Any pollutant for which compliance is demonstrated by a performance test	a. Boiler operating load	i. Establish a unit-specific limit for maximum operating load according to 40 CFR 63.7520(c).	(1) Data from the operating load monitors or from steam generation monitors.	(a) The permittee must collect operating load or steam generation data every 15 minutes during the entire period of the performance test. (b) Determine the average operating load by computing the hourly averages using all of the 15-minute readings taken during each performance test. (c) Determine the average of the three test run averages during the performance test, and multiply this by 1.1 (110 percent) as the operating limit.

[40 CFR 63.7520(c)]

4.46 In accordance with 40 CFR 63.7520(d), the permittee shall conduct a minimum of three separate test runs for each performance test required in this section, as specified in 40 CFR 63.7(e)(3). Each test run shall comply with the minimum applicable sampling times or volumes specified in Table 2 to 40 CFR 63, Subpart DDDDD.

[40 CFR 63.7520(d)]

4.47 In accordance with 40 CFR 63.7520(e), to determine compliance with the emission limits, the permittee shall use the F-Factor methodology and equations in sections 12.2 and 12.3 of EPA Method 19 at 40 CFR part 60, appendix A-7 of this chapter to convert the measured particulate matter (PM) concentrations, the measured HCl concentrations, and the measured mercury concentrations that result from the performance test to pounds per million Btu heat input emission rates.

[40 CFR 63.7520(e)]

4.48 In accordance with 40 CFR 63.7520(f), if measurement results for any pollutant are reported as below the method detection level (e.g., laboratory analytical results for one or more sample components are below the method defined analytical detection level), the permittee shall use the method detection level as the measured emissions level for that pollutant in calculating compliance. The measured result for a multiple component analysis (e.g., analytical values for multiple Method 29 fractions both for individual HAP metals and for total HAP metals) may include a combination of method detection level data and analytical data reported above the method detection level.

[40 CFR 63.7520(f)]

4.49 CMS Installation, Operation, and Maintenance Requirements

In accordance with 40 CFR 63.7525(a), because the boiler is subject to a CO emission limit in Table 2 to 40 CFR 63, Subpart DDDDD, the permittee shall install, operate, and maintain an oxygen analyzer system, as defined in 40 CFR 63.7575.

[40 CFR 63.7525(a)]

4.50 In accordance with 40 CFR 63.7525(c), because the permittee has an applicable opacity operating limit in this rule, and is not otherwise required or elect to install and operate a PM CPMS, PM CEMS, or a bag leak detection system, the permittee shall install, operate, certify and maintain each COMS according to the procedures in 40 CFR 63.7525(c)(1) through (7) by January 31, 2016, the compliance date specified in 40 CFR 63.7495.

- In accordance with 40 CFR 63.7525(c)(1), each COMS must be installed, operated, and maintained according to Performance Specification 1 at appendix B to 40 CFR part 60.
- In accordance with 40 CFR 63.7525(c)(2), the permittee shall conduct a performance evaluation of each COMS according to the requirements in 40 CFR 63.8(e) and according to Performance Specification 1 at appendix B to 40 CFR part 60.
- In accordance with 40 CFR 63.7525(c)(3), as specified in 40 CFR 63.8(c)(4)(i), each COMS must complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.
- In accordance with 40 CFR 63.7525(c)(4), the COMS data must be reduced as specified in 40 CFR 63.8(g)(2).
- In accordance with 40 CFR 63.7525(c)(5), the permittee shall include in the site-specific monitoring plan procedures and acceptance criteria for operating and maintaining each COMS according to the requirements in 40 CFR 63.8(d). At a minimum, the monitoring plan must include a daily calibration drift assessment, a quarterly performance audit, and an annual zero alignment audit of each COMS.
- In accordance with 40 CFR 63.7525(c)(6), the permittee shall operate and maintain each COMS according to the requirements in the monitoring plan and the requirements of 40 CFR 63.8(e). The permittee shall identify periods the COMS is out of control including any periods that the COMS fails to pass a daily calibration drift assessment, a quarterly performance audit, or an annual zero alignment audit. Any 6-minute period for which the monitoring system is out of control and data are not available for a required calculation constitutes a deviation from the monitoring requirements.
- In accordance with 40 CFR 63.7525(c)(7), the permittee shall determine and record all the 6-minute averages (and daily block averages as applicable) collected for periods during which the COMS is not out of control.

[40 CFR 63.7525(c)]

4.51 In accordance with 40 CFR 63.7525(d), because the permittee has an operating limit that requires the use of a CMS other than a PM CPMS or COMS, the permittee shall install, operate, and maintain each CMS according to the procedures in 40 CFR 63.7525(d)(1) through (5) by January 31, 2016, the compliance date specified in 40 CFR 63.7495.

- In accordance with 40 CFR 63.7525(d)(1), the CPMS must complete a minimum of one cycle of operation every 15-minutes. The permittee shall have a minimum of four successive cycles of operation, one representing each of the four 15-minute periods in an hour, to have a valid hour of data.
- In accordance with 40 CFR 63.7525(d)(2), the permittee shall operate the monitoring system as specified in 40 CFR 63.7535(b), and comply with the data calculation requirements specified in 40 CFR 63.7535(c).
- In accordance with 40 CFR 63.7525(d)(3), any 15-minute period for which the monitoring system is out-of-control and data are not available for a required calculation constitutes a deviation from the monitoring requirements. Other situations that constitute a monitoring deviation are specified in 40 CFR 63.7535(d).
- In accordance with 40 CFR 63.7525(d)(4), the permittee shall determine the 30-day rolling average of all recorded readings, except as provided in 40 CFR 63.7535(c).
- In accordance with 40 CFR 63.7525(d)(5), the permittee shall record the results of each inspection, calibration, and validation check.

[40 CFR 63.7525(d)]

4.52 In accordance with 40 CFR 63.7525(e), because the permittee has an operating limit that requires the use of a flow monitoring system (i.e., the steam generation monitor in accordance with 40 CFR 7530(b)), the permittee shall meet the requirements in paragraphs (d) and (e)(1) through (4) of 40 CFR 63.7525.

- In accordance with 40 CFR 63.7525(e)(1), the permittee shall install the flow sensor and other necessary equipment in a position that provides a representative flow.
- In accordance with 40 CFR 63.7525(e)(2), the permittee shall use a flow sensor with a measurement sensitivity of no greater than 2 percent of the design flow rate.
- In accordance with 40 CFR 63.7525(e)(3), the permittee shall minimize, consistent with good engineering practices, the effects of swirling flow or abnormal velocity distributions due to upstream and downstream disturbances.
- In accordance with 40 CFR 63.7525(e)(4), the permittee shall conduct a flow monitoring system performance evaluation in accordance with the monitoring plan at the time of each performance test but no less frequently than annually.

[40 CFR 63.7525(e)]

4.53 Demonstrating Initial Compliance with the Emission Limitations and Work Practice Standards

In accordance with 40 CFR 63.7530(a), the permittee shall demonstrate initial compliance with each emission limit that applies to the boiler by conducting initial performance tests and establishing operating limits according to 40 CFR 63.7520, paragraph (b) of 40 CFR 63.7530, and Tables 5 and 7 to 40 CFR 63, Subpart DDDDD. The permittee shall also install, operate, and maintain all applicable CMS (including COMS and CPMS) according to 40 CFR 63.7525.

[40 CFR 63.7530(a)]

- 4.54** In accordance with 40 CFR 63.7530(b), the permittee shall establish each site-specific operating limit in Table 4 to 40 CFR 63, Subpart DDDDD that applies to the permittee according to the stack test and procedure requirements in 40 CFR 63.7520, Table 7 to 40 CFR 63, Subpart DDDDD, and 40 CFR 63.7530(b)(4), as applicable.
[40 CFR 63.7530(b)]
- In accordance with 40 CFR 63.7530(b)(4)(vii), for a minimum oxygen level, if the permittee conducts multiple performance tests, the permittee must set the minimum oxygen level at the lower of the minimum values established during the performance tests.
[40 CFR 63.7530(b)(4)(vii)]
- 4.55** In accordance with 40 CFR 63.7530(e), the permittee shall include with the Notification of Compliance Status a signed certification that the energy assessment was completed according to Table 3 to 40 CFR 63, Subpart DDDDD and is an accurate depiction of the facility at the time of the assessment.
[40 CFR 63.7530(e)]
- 4.56** In accordance with 40 CFR 63.7530(f), the permittee shall submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in 40 CFR 63.7545(e).
[40 CFR 63.7530(f)]
- 4.57** In accordance with 40 CFR 63.7530(h), because the Hurst boiler is subject to emission limits in Table 2 to 40 CFR 63, Subpart DDDDD, the permittee shall meet the work practice standard according to Table 3 of 40 CFR 63, Subpart DDDDD. During startup and shutdown, the permittee shall only follow the work practice standards according to item 5 and item 6 of Table 3 of 40 CFR 63, Subpart DDDDD.
[40 CFR 63.7530(h)]
- 4.58 Efficiency Credits**
- In accordance with 40 CFR 63.7533(a), if the permittee elects to comply with the alternative equivalent output-based emission limits, instead of the heat input-based limits listed in Table 2 to 40 CFR 63, Subpart DDDDD, and the permittee wants to take credit for implementing energy conservation measures identified in an energy assessment, the permittee may demonstrate compliance using efficiency credits according to the procedures in 40 CFR 63.7533.
- The permittee using this compliance approach shall establish an emissions benchmark, calculate and document the efficiency credits, develop an Implementation Plan, comply with the general reporting requirements, and apply the efficiency credit according to the procedures in paragraphs (b) through (f) of 40 CFR 63.7533 that are not explicitly included in the permit. Please refer to CFR for details.
[40 CFR 63.7533(a)]
- 4.59** In accordance with 40 CFR 63.7533(g), if the permittee elects to comply with the alternative equivalent output-based emission limits, instead of the heat input-based limits listed in Table 2 to 40 CFR 63, Subpart DDDDD, and the permittee wants to take credit for implementing energy conservation measures identified in an energy assessment, as part of each compliance report submitted as required under 40 CFR 63.7550, the permittee shall include documentation that the energy conservation measures implemented continue to generate the credit for use in demonstrating compliance with the emission limits.
[40 CFR 63.7533(g)]

Continuous Compliance Requirements

4.60 Obtaining Monitoring Data

In accordance with 40 CFR 63.7535(a), the permittee shall monitor and collect data according to 40 CFR 63.7535 and the site-specific monitoring plan required by 40 CFR 63.7505(d).

[40 CFR 63.7535(a)]

4.61 In accordance with 40 CFR 63.7535(b), the permittee shall operate the monitoring system and collect data at all required intervals at all times that the Hurst boiler is operating and compliance is required, except for periods of monitoring system malfunctions or out of control periods (see 40 CFR 63.8(c)(7)), and required monitoring system quality assurance or control activities, including, as applicable, calibration checks, required zero and span adjustments, and scheduled CMS maintenance as defined in the site-specific monitoring plan. A monitoring system malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring system to provide valid data. Monitoring system failures that are caused in part by poor maintenance or careless operation are not malfunctions. The permittee is required to complete monitoring system repairs in response to monitoring system malfunctions or out-of-control periods and to return the monitoring system to operation as expeditiously as practicable.

[40 CFR 63.7535(b)]

4.62 In accordance with 40 CFR 63.7535(c), the permittee may not use data recorded during monitoring system malfunctions or out-of-control periods, repairs associated with monitoring system malfunctions or out-of-control periods, or required monitoring system quality assurance or control activities in data averages and calculations used to report emissions or operating levels. The permittee shall record and make available upon request results of CMS performance audits and dates and duration of periods when the CMS is out of control to completion of the corrective actions necessary to return the CMS to operation consistent with the site-specific monitoring plan. The permittee must use all the data collected during all other periods in assessing compliance and the operation of the control device and associated control system.

[40 CFR 63.7535(c)]

4.63 In accordance with 40 CFR 63.7535(d), except for periods of monitoring system malfunctions, repairs associated with monitoring system malfunctions, and required monitoring system quality assurance or quality control activities (including, as applicable, system accuracy audits, calibration checks, and required zero and span adjustments), failure to collect required data is a deviation of the monitoring requirements. In calculating monitoring results, do not use any data collected during periods when the monitoring system is out of control as specified in the site-specific monitoring plan, while conducting repairs associated with periods when the monitoring system is out of control, or while conducting required monitoring system quality assurance or quality control activities. The permittee must calculate monitoring results using all other monitoring data collected while the process is operating. The permittee must report all periods when the monitoring system is out of control in the annual report.

[40 CFR 63.7535(d)]

4.64 Demonstrating Continuous Compliance

In accordance with 40 CFR 63.7540(a), the permittee shall demonstrate continuous compliance with each emission limit in Table 2 to 40 CFR 63, Subpart DDDDD, the work practice standards in Table 3 to 40 CFR 63, Subpart DDDDD, and the operating limits in Table 4 to 40 CFR 63, Subpart DDDDD that apply to the permittee according to the methods specified in Table 8 to 40 CFR 63 Subpart DDDDD and paragraphs (a)(1) through (19) of 40 CFR 63.7540.

Table 4.9 (Table 8 to 40 CFR 63, Subpart DDDDD) – Demonstrating Continuous Compliance

If the permittee must meet the following operating limits or work practice standards...	The permittee must demonstrate continuous compliance by ...
Opacity	a. Collecting the opacity monitoring system data according to 40 CFR 63.7525(c) and 40 CFR 63.7535; and b. Reducing the opacity monitoring data to 6-minute averages; and c. Maintaining opacity to less than or equal to 10 percent (daily block average).
Oxygen content	a. Continuously monitor the oxygen content using an oxygen analyzer according to 40 CFR 63.7525(a). This requirement does not apply to units that install an oxygen trim system since these units will set the trim system to the level specified in 40 CFR 63.7525(a)(2). b. Reducing the data to 30-day rolling averages; and c. Maintain the 30-day rolling average oxygen content at or above the lowest hourly average oxygen level measured during the most recent CO performance test.
Boiler operating load	a. Collecting operating load data or steam generation data every 15 minutes. b. Maintaining the 30-day rolling average ¹ operating load such that it does not exceed 110 percent of the highest hourly average operating load recorded during the most recent performance test according to 40 CFR 63.7520(c)

¹ EPA has clarified the intent of the operating load limit in their *Boiler MACT: Question and Answer* document (Question 34) and EPA's 2014 proposed revision to the Boiler MACT regulations.

[40 CFR 63.7540(a)]

- In accordance with 40 CFR 63.7540(a)(1), following the date on which the initial compliance demonstration is completed or is required to be completed under 40 CFR 63.7 and 63.7510, whichever date comes first, operation above the established maximum or below the established minimum operating limits shall constitute a deviation of established operating limits listed in Table 4 to 40 CFR 63, Subpart DDDDD except during performance tests conducted to determine compliance with the emission limits or to establish new operating limits. Operating limits must be confirmed or reestablished during performance tests.

[40 CFR 63.7540(a)(1)]

- In accordance with 40 CFR 63.7540(a)(10), because the Hurst boiler has a heat input capacity of greater than 10 million Btu per hour, the permittee shall conduct an annual tune-up of the boiler to demonstrate continuous compliance as specified in 40 CFR 63.7540(a)(10)(i) through (vi). This frequency does not apply to limited-use boilers and process heaters, as defined in 40 CFR 63.7575, or units with continuous oxygen trim systems that maintain an optimum air to fuel ratio.
 - In accordance with 40 CFR 63.7540(a)(10)(i), as applicable, inspect the burner, and clean or replace any components of the burner as necessary (the permittee may delay the burner inspection until the next scheduled unit shutdown);
 - In accordance with 40 CFR 63.7540(a)(10)(ii), inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;

- In accordance with 40 CFR 63.7540(a)(10)(iii), inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (the permittee may delay the inspection until the next scheduled unit shutdown);
- In accordance with 40 CFR 63.7540(a)(10)(iv), optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available;
- In accordance with 40 CFR 63.7540(a)(10)(v), measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer; and
- In accordance with 40 CFR 63.7540(a)(10)(vi), maintain on-site and submit, if requested by the Administrator, an annual report containing the information in paragraphs (a)(10)(vi)(A) and (B) of 40 CFR 63.7540;
- In accordance with 40 CFR 63.7540(a)(10)(vi)(A), the concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler or process heater;
- In accordance with 40 CFR 63.7540(a)(10)(vi)(B), a description of any corrective actions taken as a part of the tune-up.

[40 CFR 63.7540(a)(10)]

- In accordance with 40 CFR 63.7540(a)(13), if the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 calendar days of startup.

[40 CFR 63.7540(a)(13)]

4.65 In accordance with 40 CFR 63.7540(b), the permittee shall report each instance in which the Hurst boiler did not meet each emission limit and operating limit in Tables 2 and 4 to 40 CFR 63, Subpart DDDDD that apply to the permittee. These instances are deviations from the emission limits or operating limits, respectively, in the subpart. These deviations must be reported according to the requirements in 40 CFR 63.7550.

[40 CFR 63.7540(b)]

4.66 In accordance with 40 CFR 63.7540(d), for startup and shutdown, the permittee shall meet the work practice standards according to items 5 and 6 of Table 3 to 40 CFR 63, Subpart DDDDD.

[40 CFR 63.7540(d)]

Notification, Reports, and Records

4.67 Notifications

In accordance with 40 CFR 63.7545(a), the permittee shall submit to the Administrator all of the notifications in 40 CFR 63.7(b) and (c), 63.8(e), and 63.9(b) through (h) that apply to the permittee by the dates specified.

Applicable notification requirements to the Hurst boiler in 40 CFR 63.7(b) and (c) (performance testing requirements), 63.8(e) (monitoring requirements), and 63.9(b) through (h) (notification requirements) are listed as follows:

- 40 CFR 63.7(b) Notification of performance test. In accordance with 40 CFR 63.7(b)(1), the owner or operator of an affected source must notify the Administrator in writing of his or her intention to conduct a performance test at least 60 calendar days before the performance test is initially scheduled to begin to allow the Administrator, upon request, to review and approve the site-specific test plan required under 40 CFR 63.7 (c) and to have an observer present during the test.
- 40 CFR 63.7(c) Quality assurance program.
 - In accordance with 40 CFR 63.7(c)(2)(i) submission of site-specific test plan, before conducting a required performance test, the owner or operator of an affected source shall develop and, if requested by the Administrator, shall submit a site-specific test plan to the Administrator for approval. The test plan shall include a test program summary, the test schedule, data quality objectives, and both an internal and external quality assurance (QA) program. Data quality objectives are the pretest expectations of precision, accuracy, and completeness of data. Details are not explicitly included in the permit. Refer to 40 CFR 63.7(c)(2) for details.
 - In accordance with 40 CFR 63.7(c)(2)(iv), the owner or operator of Hurst boiler shall submit the site-specific test plan to the Administrator upon the Administrator's request at least 60 calendar days before the performance test is scheduled to take place, that is, simultaneously with the notification of intention to conduct a performance test required under paragraph 40 CFR 63.7(b), or on a mutually agreed upon date.
- 40 CFR 63.8(e) Performance evaluation of continuous monitoring systems. In accordance with 40 CFR 63.8(e)(2) notification of performance evaluation of continuous monitoring systems, the owner or operator shall notify the Administrator in writing of the date of the performance evaluation simultaneously with the notification of the performance test date required under 40 CFR 63.7(b) or at least 60 days prior to the date the performance evaluation is scheduled to begin if no performance test is required.
- 40 CFR 63.9(c) Request for extension of compliance. If the owner or operator of an affected source cannot comply with a relevant standard by the applicable compliance date for that source, the permittee may submit to the Administrator (or the State with an approved permit program) a request for an extension of compliance as specified in 40 CFR 63.6(i)(4) through 40 CFR 63.6(i)(6). 40 CFR 63.6(i)(4) through 40 CFR 63.6(i)(6) is not explicitly listed in the permit. Refer to CFR for details.

- 40 CFR 63.9(g) Additional notification requirements for sources with continuous monitoring systems. The owner or operator of an affected source required to use a CMS by a relevant standard shall furnish the Administrator written notification as follows:
 - A notification of the date the CMS performance evaluation under 40 CFR 63.8(e) is scheduled to begin, submitted simultaneously with the notification of the performance test date required under 40 CFR 63.7(b).
 - A notification that COMS data results will be used to determine compliance with the applicable opacity emission standard during a performance test required by 40 CFR 63.7 in lieu of Method 9 or other opacity emissions test method data, as allowed by 40 CFR 63.6(h)(7)(ii), if compliance with an opacity emission standard is required for the source by a relevant standard. The notification shall be submitted at least 60 calendar days before the performance test is scheduled to begin.
- 40 CFR 63.9(h) Notification of compliance status. In accordance with 40 CFR 63.9(h)(3), after a title V permit has been issued to the owner or operator of an affected source, the owner or operator of such source shall comply with all requirements for compliance status reports contained in the source's title V permit, including reports required under this part (i.e., 40 CFR 63). After a title V permit has been issued to the owner or operator of an affected source, and each time a notification of compliance status is required under this part (i.e., 40 CFR 63) the owner or operator of such source shall submit the notification of compliance status to the appropriate permitting authority following completion of the relevant compliance demonstration activity specified in the relevant standard.

[40 CFR 63.7545(a)]

4.68 In accordance with 40 CFR 63.7545(e), because the permittee is required to conduct an initial compliance demonstration as specified in 40 CFR 63.7530, the permittee shall submit a Notification of Compliance Status according to 40 CFR 63.9(h)(2)(ii). For the initial compliance demonstration for the Hurst boiler, the permittee shall submit the Notification of Compliance Status, including all performance test results, before the close of business on the 60th day following the completion of all performance test and/or other initial compliance demonstrations for the Hurst boiler according to 40 CFR 63.10(d)(2). The Notification of Compliance Status report must contain all the information specified in 40 CFR 63.7545 (e)(1) through (8), as applicable.

[40 CFR 63.7545(e)]

- In accordance with 40 CFR 63.7545(e)(1), a description of the affected unit(s) including identification of which subcategories the unit is in, the design heat input capacity of the unit, a description of the add-on controls used on the unit to comply with the subpart, description of the fuel(s) burned, including whether the fuel(s) were a secondary material determined by the permittee or the EPA through a petition process to be a non-waste under 40 CFR 241.3, whether the fuel(s) were a secondary material processed from discarded non-hazardous secondary materials within the meaning of 40 CFR 241.3, and justification for the selection of fuel(s) burned during the compliance demonstration.

[40 CFR 63.7545(e)(1)]

- In accordance with 40 CFR 63.7545(e)(2), summary of the results of all performance tests and fuel analyses, and calculations conducted to demonstrate initial compliance including all established operating limits, and including:
 - In accordance with 40 CFR 63.7545(e)(2)(i), identification of whether the permittee is complying with the PM emission limit or the alternative TSM emission limit.
 - In accordance with 40 CFR 63.7545(e)(2)(ii), identification of whether the permittee is complying with the output-based emission limits or the heat input-based (i.e., lb/MMBtu or ppm) emission limits

[40 CFR 63.7545(e)(2)]
- In accordance with 40 CFR 63.7545(e)(3), a summary of the maximum CO emission levels recorded during the performance test to show that the permittee has met any applicable emission standard in Table 2 to 40 CFR 63, Subpart DDDDD, if the permittee is not using a CO CEMS to demonstrate compliance.

[40 CFR 63.7545(e)(3)]
- In accordance with 40 CFR 63.7545(e)(4), identification of whether the permittee plans to demonstrate compliance with each applicable emission limit through performance testing, a CEMS, or fuel analysis.

[40 CFR 63.7545(e)(4)]
- In accordance with 40 CFR 63.7545(e)(5), identification of whether the permittee plans to demonstrate compliance by using efficiency credits through energy conservation.

[40 CFR 63.7545(e)(5)]
- In accordance with 40 CFR 63.7545(e)(6), a signed certification that the permittee has met all applicable emission limits and work practice standards.

[40 CFR 63.7545(e)(6)]
- In accordance with 40 CFR 63.7545(e)(7), if the permittee had a deviation from any emission limit, work practice standard, or operating limit, the permittee shall also submit a description of the deviation, the duration of the deviation, and the corrective action taken in the Notification of Compliance Status report.

[40 CFR 63.7545(e)(7)]
- In accordance with 40 CFR 63.7545(e)(8), in addition to the information required in 40 CFR 63.9(h)(2), the notification of compliance status must include the following certification(s) of compliance, as applicable, and signed by a responsible official:
 - In accordance with 40 CFR 63.7545(e)(8)(i), “This facility complies with the required initial tune-up according to the procedures in 40 CFR 63.7540(a)(10)(i) through (vi).”
 - In accordance with 40 CFR 63.7545(e)(8)(ii), “This facility has had an energy assessment performed according to 40 CFR 63.7530(e).”
 - In accordance with 40 CFR 63.7545(e)(8)(iii), “No secondary materials that are solid waste were combusted in any affected unit.”

[40 CFR 63.7545(e)(8)]

4.69 Reports

In accordance with 40 CFR 63.7550(a), the permittee shall submit each report in Table 9 to 40 CFR 63, Subpart DDDDD that applies to the permittee. 40 CFR 63.8(c)(7) is not explicitly included in the permit. Refer to CFR for details.

Table 4.10 (Table 9 to 40 CFR 63, Subpart DDDDD) – Demonstrating Continuous Compliance

The permittee must submit a	The report must contain...	The permittee must submit the report...
Compliance Report	<p>a. Information required in 40 CFR 63.7550(c)(1) through (5); and</p> <p>b. If there are no deviations from any emission limitation (emission limit and operating limit) that applies to the permittee and there are no deviations from the requirements for work practice standards in Table 3 to 40 CFR 63, Subpart DDDDD that apply to the permittee, a statement that there were no deviations from the emission limitations and work practice standards during the reporting period. If there were no periods during which the CMSs, including continuous opacity monitoring system and operating parameter monitoring systems, were out-of-control as specified in 40 CFR 63.8(c)(7), a statement that there were no periods during which the CMSs were out-of-control during the reporting period; and</p> <p>c. If the permittee has a deviation from any emission limitation (emission limit and operating limit) where the permittee is not using a CMS to comply with that emission limit or operating limit, or a deviation from a work practice standard during the reporting period, the report must contain the information in 40 CFR 63.7550(d); and</p> <p>d. If there were periods during which the CMSs, including continuous opacity monitoring system, and operating parameter monitoring systems, were out-of-control as specified in 40 CFR 63.8(c)(7), or otherwise not operating, the report must contain the information in 40 CFR 63.7550(e)</p>	Semiannually according to the requirements in 40 CFR 63.7550(b).

[40 CFR 63.7550(a)]

4.70 In accordance with 40 CFR 63.7550(b), unless the EPA Administrator has approved a different schedule for submission of reports under 40 CFR 63.10(a), the permittee shall submit each report, according to paragraph (h) of 40 CFR 63.7550, by the date in Table 9 to 40 CFR 63, Subpart DDDDD and according to the requirements in paragraphs (b)(1) through (4) of 40 CFR 63.7550.

[40 CFR 63.7550(b)]

- In accordance with 40 CFR 63.7550(b)(1), the first compliance report must cover the period beginning on the compliance date that is specified for the Hurst boiler in 40 CFR 63.7495 and ending on July 31 or January 31, whichever date is the first date that occurs at least 180 days after the compliance date that is specified for the source in 40 CFR 63.7495. Therefore, the period for the first compliance report begins on January 31, 2016 and ends on July 31, 2016.

[40 CFR 63.7550(b)(1)]

- In accordance with 40 CFR 63.7550(b)(2), the first compliance report must be postmarked or submitted no later than July 31 or January 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for the Hurst boiler in 40 CFR 63.7495. Therefore, the first compliance report is due January 31, 2017.

[40 CFR 63.7550(b)(2)]

- In accordance with 40 CFR 63.7550(b)(3), each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.

[40 CFR 63.7550(b)(3)]

- In accordance with 40 CFR 63.7550(b)(4), each subsequent compliance report must be postmarked or submitted no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

[40 CFR 63.7550(b)(4)]

4.71 In accordance with 40 CFR 63.7550(c), a compliance report must contain the following information depending on how the facility chooses to comply with the limits set in this rule.

[40 CFR 63.7550(c)]

- In accordance with 40 CFR 63.7550(c)(1), if the facility is subject to the requirements of a tune up they must submit a compliance report with the information in paragraphs (c)(5)(i) through (iv) and (xiv) of 40 CFR 63.7550.

[40 CFR 63.7550(c)(1)]

- In accordance with 40 CFR 63.7550(c)(3), if a facility is complying with the applicable emissions limit with performance testing they must submit a compliance report with the information in (c)(5)(i) through (iv), (vi), (vii), (xi), (xiii), and 40 CFR 63.7550(d).

[40 CFR 63.7550(c)(3)]

- In accordance with 40 CFR 63.7550(c)(4), if a facility is complying with an emissions limit using a CMS the compliance report must contain the information required in 40 CFR 63.7550(c)(5)(i) through (vi), (xi), (xiii), (xvi) through (xvii), and 40 CFR 63.7550(e).

[40 CFR 63.7550(c)(4)]

- 40 CFR 63.7550(c)(5),

- In accordance with 40 CFR 63.7550(c)(5)(i), Company and Facility name and address.
- In accordance with 40 CFR 63.7550(c)(5)(ii), process unit information, emissions limitations, and operating parameter limitations.
- In accordance with 40 CFR 63.7550(c)(5)(iii), date of report and beginning and ending dates of the reporting period.
- In accordance with 40 CFR 63.7550(c)(5)(iv), the total operating time during the reporting period.
- In accordance with 40 CFR 63.7550(c)(5)(v), if the permittee uses a CMS, including COMS, or CPMS, the permittee must include the monitoring equipment manufacturer(s) and model numbers and the date of the last CMS certification or audit.

- In accordance with 40 CFR 63.7550(c)(5)(vi), the total fuel use by each individual boiler subject to an emission limit within the reporting period, including, but not limited to, a description of the fuel, whether the fuel has received a non-waste determination by the EPA or the permittee's basis for concluding that the fuel is not a waste, and the total fuel usage amount with units of measure.
- In accordance with 40 CFR 63.7550(c)(5)(vii), if the permittee is conducting performance tests once every 3 years consistent with 40 CFR 63.7515(b) or (c), the date of the last 2 performance tests and a statement as to whether there have been any operational changes since the last performance test that could increase emissions.
- In accordance with 40 CFR 63.7550(c)(5)(viii), a statement indicating that the permittee burned no new types of fuel in an individual boiler subject to an emission limit.
- In accordance with 40 CFR 63.7550(c)(5)(xi), if there are no deviations from any emission limits or operating limits in the subpart that apply to the permittee, a statement that there were no deviations from the emission limits or operating limits during the reporting period.
- In accordance with 40 CFR 63.7550(c)(5)(xii), if there were no deviations from the monitoring requirements including no periods during which the CMSs, including COMS and CPMS, were out of control as specified in 40 CFR 63.8(c)(7), a statement that there were no deviations and no periods during which the CMS were out of control during the reporting period.
- In accordance with 40 CFR 63.7550(c)(5)(xiii), if a malfunction occurred during the reporting period, the report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by the permittee during a malfunction of a boiler, or associated air pollution control device or CMS to minimize emissions in accordance with 40 CFR 63.7500(a)(3), including actions taken to correct the malfunction.
- In accordance with 40 CFR 63.7550(c)(5)(xiv), include the date of the most recent tune-up for each unit subject to only the requirement to conduct an annual tune-up according to 40 CFR 63.7540(a)(10). Include the date of the most recent burner inspection if it was not done annually and was delayed until the next scheduled or unscheduled unit shutdown.
- In accordance with 40 CFR 63.7550(c)(5)(xvii), statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

[40 CFR 63.7550(c)(5)]

4.72 In accordance with 40 CFR 63.7550(d), for each deviation from an emission limit or operating limit in the subpart that occurs at an individual boiler where the permittee is not using a CMS to comply with that emission limit or operating limit, the compliance report must additionally contain the information required in paragraphs (d)(1) through (3) of 40 CFR 63.7550.

[40 CFR 63.7550(d)]

- In accordance with 40 CFR 63.7550(d)(1), a description of the deviation and which emission limit or operating limit from which the permittee deviated.

[40 CFR 63.7550(d)(1)]

- In accordance with 40 CFR 63.7550(d)(2), information on the number, duration, and cause of deviations (including unknown cause), as applicable, and the corrective action taken.
[40 CFR 63.7550(d)(2)]

- In accordance with 40 CFR 63.7550(d)(3), if the deviation occurred during an annual performance test, provide the date the annual performance test was completed.
[40 CFR 63.7550(d)(3)]

4.73 In accordance with 40 CFR 63.7550(e), for each deviation from an emission limit, operating limit, and monitoring requirement in the subpart occurring at an individual boiler where the permittee is using a CMS to comply with that emission limit or operating limit, the compliance report must additionally contain the information required in paragraphs (e)(1) through (9) of 40 CFR 63.7550. This includes any deviations from the site-specific monitoring plan as required in 40 CFR 63.7505(d).

[40 CFR 63.7550(e)]

- In accordance with 40 CFR 63.7550(e)(1), the date and time that each deviation started and stopped and description of the nature of the deviation (i.e., what the permittee deviated from).
[40 CFR 63.7550(e)(1)]

- In accordance with 40 CFR 63.7550(e)(2), the date and time that each CMS was inoperative, except for zero (low-level) and high-level checks.
[40 CFR 63.7550(e)(2)]

- In accordance with 40 CFR 63.7550(e)(3), the date, time, and duration that each CMS was out of control, including the information in 40 CFR 63.8(c)(8).
[40 CFR 63.7550(e)(3)]

- In accordance with 40 CFR 63.7550(e)(4), the date and time that each deviation started and stopped.
[40 CFR 63.7550(e)(4)]

- In accordance with 40 CFR 63.7550(e)(5), a summary of the total duration of the deviation during the reporting period and the total duration as a percent of the total source operating time during that reporting period.
[40 CFR 63.7550(e)(5)]

- In accordance with 40 CFR 63.7550(e)(6), a characterization of the total duration of the deviations during the reporting period into those that are due to control equipment problems, process problems, other known causes, and other unknown causes.
[40 CFR 63.7550(e)(6)]

- In accordance with 40 CFR 63.7550(e)(7), a summary of the total duration of CMS's downtime during the reporting period and the total duration of CMS downtime as a percent of the total source operating time during that reporting period.
[40 CFR 63.7550(e)(7)]

- In accordance with 40 CFR 63.7550(e)(8), a brief description of the source for which there was a deviation.
[40 CFR 63.7550(e)(8)]

- In accordance with 40 CFR 63.7550(e)(9), a description of any changes in CMSs, processes, or controls since the last reporting period for the source for which there was a deviation.
[40 CFR 63.7550(e)(9)]

4.74 In accordance with 40 CFR 63.7550(h), the permittee shall submit the reports according to the procedures specified in paragraphs (h)(1) through (3) of 40 CFR 63.7550.

[40 CFR 63.7550(h)]

- In accordance with 40 CFR 63.7550(h)(1), within 60 days after the date of completing each performance test (defined in 40 CFR 63.2) as required by 40 CFR 63, Subpart DDDDD the permittee must submit the results of the performance tests required by the subpart and the compliance reports required in 40 CFR 63.7550(b) to the EPA's WebFIRE database by using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through the EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). Performance test data must be submitted in the file format generated through use of the EPA's Electronic Reporting Tool (ERT) (see <http://www.epa.gov/ttn/chief/ert/index.html>). Only data collected using test methods on the ERT Web site are subject to this requirement for submitting reports electronically to WebFIRE. Owners or operators who claim that some of the information being submitted for performance tests is confidential business information (CBI) must submit a complete ERT file including information claimed to be CBI on a compact disk or other commonly used electronic storage media (including, but not limited to, flash drives) to the EPA. The electronic media must be clearly marked as CBI and mailed to U.S. EPA/OAQPS/CORE CBI Office, Attention: WebFIRE Administrator, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same ERT file with the CBI omitted must be submitted to the EPA via CDX as described earlier in this paragraph. At the discretion of the Administrator, the permittee must also submit these reports, including the confidential business information, to the Administrator in the format specified by the Administrator. For any performance test conducted using test methods that are not listed on the ERT Web site, the owner or operator shall submit the results of the performance test in paper submissions to the Administrator.

[40 CFR 63.7550(h)(1)]

- In accordance with 40 CFR 63.7550(h)(3), the permittee shall submit all reports required by Table 9 to 40 CFR 63, Subpart DDDDD electronically using CEDRI that is accessed through the EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to 40 CFR 63, Subpart DDDDD is not available in CEDRI at the time that the report is due the report the permittee must submit the report to the Administrator at the appropriate address listed in 40 CFR 63.13. At the discretion of the Administrator, the permittee must also submit these reports, to the Administrator in the format specified by the Administrator.

[40 CFR 63.7550(h)(3)]

4.75 Records to Keep

In accordance with 40 CFR 63.7555(a), the permittee shall keep records according to paragraphs (a)(1) and (2) of 40 CFR 63.7555.

[40 CFR 63.7555(a)]

- In accordance with 40 CFR 63.7555(a)(1), a copy of each notification and report that the permittee submitted to comply with the subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status or semiannual compliance report that the permittee submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv).

[40 CFR 63.7555(a)(1)]

- In accordance with 40 CFR 63.7555(a)(2), records of performance tests, or other compliance demonstrations and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).

[40 CFR 63.7555(a)(2)]

4.76 In accordance with 40 CFR 63.7555(b), for each COMS and continuous monitoring system the permittee shall keep records according to paragraphs (b)(1) through (5) of 40 CFR 63.7555.

[40 CFR 63.7555(b)]

- In accordance with 40 CFR 63.7555(b)(1), records described in 40 CFR 63.10(b)(2)(vii) through (xi).
 - In accordance with 40 CFR 63.10(b)(2)(vii), the Administrator or delegated authority, upon notification to the source, may require the owner or operator to maintain all measurements as needed to demonstrate compliance with a relevant standard (including, but not limited to, 15-minute averages of CMS data, raw performance testing measurements, and raw performance evaluation measurements, that support data that the source is required to report), if the administrator or the delegated authority determines these records are required to more accurately assess the compliance status of the affected source.
 - In accordance with 40 CFR 63.10(b)(2)(viii) All results of performance tests, CMS performance evaluations, and opacity and visible emission observations;
 - In accordance with 40 CFR 63.10(b)(2)(ix) All measurements as may be necessary to determine the conditions of performance tests and performance evaluations;
 - In accordance with 40 CFR 63.10(b)(2)(x) All CMS calibration checks;
 - In accordance with 40 CFR 63.10(b)(2)(xi) All adjustments and maintenance performed on CMS;

[40 CFR 63.7555(b)(1)]

- In accordance with 40 CFR 63.7555(b)(2), Monitoring data for continuous opacity monitoring system during a performance evaluation as required in 40 CFR 63.6(h)(7)(i) and (ii).

[40 CFR 63.7555(b)(2)]

- In accordance with 40 CFR 63.7555(b)(3), previous (i.e., superseded) versions of the performance evaluation plan as required in 40 CFR 63.8(d)(3).

[40 CFR 63.7555(b)(3)]

- In accordance with 40 CFR 63.7555(b)(5), records of the date and time that each deviation started and stopped.

[40 CFR 63.7555(b)(5)]

4.77 In accordance with 40 CFR 63.7555(c), the permittee shall keep the records required in Table 8 to 40 CFR 63, Subpart DDDDD including records of all monitoring data and calculated averages for applicable operating limits, such as opacity and operating load, to show continuous compliance with each emission limit and operating limit that applies to the permittee.

[40 CFR 63.7555(c)]

4.78 In accordance with 40 CFR 63.7555(d), because the Hurst boiler is subject to an emission limit in Table 2 to 40 CFR 63, Subpart DDDDD, the permittee shall also keep the applicable records in paragraphs (d)(1) through (11) of 40 CFR 63.7555.

[40 CFR 63.7555(d)]

- In accordance with 40 CFR 63.7555(d)(1), the permittee shall keep records of monthly fuel use by the Hurst boiler, including the type(s) of fuel and amount(s) used.
- [40 CFR 63.7555(d)(1)]**
- In accordance with 40 CFR 63.7555(d)(6), if consistent with 40 CFR 63.7515(b), the permittee chooses to stack test less frequently than annually, the permittee must keep a record that documents that the emissions in the previous stack test(s) were less than 75 percent of the applicable emission limit, and document that there was no change in source operations

including fuel composition and operation of air pollution control equipment that would cause emissions of the relevant pollutant to increase within the past year.

[40 CFR 63.7555(d)(6)]

- In accordance with 40 CFR 63.7555(d)(7), records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment.

[40 CFR 63.7555(d)(7)]

- In accordance with 40 CFR 63.7555(d)(8), records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in 40 CFR 63.7500(a)(3), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.

[40 CFR 63.7555(d)(8)]

- In accordance with 40 CFR 63.7555(d)(10), the permittee shall maintain records of the calendar date, time, occurrence and duration of each startup and shutdown.

[40 CFR 63.7555(d)(10)]

- In accordance with 40 CFR 63.7555(d)(11), the permittee shall maintain records of the type(s) and amount(s) of fuels used during each startup and shutdown.

[40 CFR 63.7555(d)(11)]

- 4.79** In accordance with 40 CFR 63.7555(f), if the permittee elects to use efficiency credits from energy conservation measures to demonstrate compliance according to 40 CFR 63.7533, the permittee shall keep a copy of the Implementation Plan required in 40 CFR 63.7533(d) and copies of all data and calculations used to establish credits according to 40 CFR 63.7533(b), (c), and (f) that are not explicitly included in the permit. Please refer to CFR for details.

[40 CFR 63.7555(f)]

4.80 Records Retention

In accordance with 40 CFR 63.7560(a), the records must be in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1).

[40 CFR 63.7560(a)]

- 4.81** In accordance with 40 CFR 63.7560(b), as specified in 40 CFR 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.

[40 CFR 63.7560(b)]

- 4.82** In accordance with 40 CFR 63.7560(c), the permittee shall keep each record on site, or they must be accessible from on site (for example, through a computer network), for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). The permittee can keep the records off site for the remaining 3 years.

[40 CFR 63.7560(c)]

4.83 General Provisions

In accordance with 40 CFR 63.7565, Table 10 to 40 CFR 63, Subpart DDDDD shows which parts of the General Provisions in 40 CFR 63.1 through 63.15 apply to the permittee.

Table 4.11 (Table 10 to 40 CFR 63, Subpart DDDDD): Applicable General Provisions

Citation	Subject	Applies to subpart DDDDD
40 CFR 63.1	Applicability	Yes.
40 CFR 63.2	Definitions	Yes. Additional terms defined in 40 CFR 63.7575
40 CFR 63.3	Units and Abbreviations	Yes.
40 CFR 63.4	Prohibited Activities and Circumvention	Yes.
40 CFR 63.5	Preconstruction Review and Notification Requirements-	Yes.
40 CFR 63.6(a), (b)(1)-(b)(5), (b)(7), (c)	Compliance with Standards and Maintenance Requirements	Yes.
40 CFR 63.6(f)(2) and (3)	Compliance with non-opacity emission standards.	Yes.
40 CFR 63.6(g)	Use of alternative standards	Yes.
40 CFR 63.6(h)(1)	Startup, shutdown, and malfunction exemptions to opacity standards.	No. See 40 CFR 63.7500(a).
40 CFR 63.6(h)(2) to (h)(9)	Determining compliance with opacity emission standards	Yes.
40 CFR 63.6(i)	Extension of compliance	Yes. Note: Facilities may also request extensions of compliance for the installation of combined heat and power, waste heat recovery, or gas pipeline or fuel feeding infrastructure as a means of complying with this subpart.
40 CFR 63.6(j)	Presidential exemption.	Yes.
40 CFR 63.7(a), (b), (c), and (d)	Performance Testing Requirements	Yes.
40 CFR 63.7(e)(1)	Conditions for conducting performance tests	No. Subpart DDDDD specifies conditions for conducting performance tests at 40 CFR 63.7520(a) to (c).
40 CFR 63.7(e)(2)-(e)(9), (f), (g), and (h)	Performance Testing Requirements	Yes.
40 CFR 63.8(a) and (b)	Applicability and Conduct of Monitoring	Yes.
40 CFR 63.8(c)(1)	Operation and maintenance of CMS	Yes.
40 CFR 63.8(c)(1)(i)	General duty to minimize emissions and CMS operation	No. See 40 CFR 63.7500(a)(3).
40 CFR 63.8(c)(1)(ii)	Operation and maintenance of CMS	Yes.
40 CFR 63.8(c)(1)(iii)	Startup, shutdown, and malfunction plans for CMS	No.
40 CFR 63.8(c)(2) to (c)(9)	Operation and maintenance of CMS	Yes.

Table 4.11 (continued)

Citation	Subject	Applies to subpart DDDDD
40 CFR 63.8(d)(1) and (2)	Monitoring Requirements, Quality Control Program	Yes.
40 CFR 63.8(d)(3)	Written procedures for CMS	Yes, except for the last sentence, which refers to a startup, shutdown, and malfunction plan. Startup, shutdown, and malfunction plans are not required.
40 CFR 63.8(e)	Performance evaluation of a CMS	Yes.
40 CFR 63.8(f)	Use of an alternative monitoring method.	Yes.
40 CFR 63.8(g)	Reduction of monitoring data	Yes.
40 CFR 63.9	Notification Requirements	Yes.
40 CFR 63.10(a), (b)(1)	Recordkeeping and Reporting Requirements	Yes.
40 CFR 63.10(b)(2)(i)	Recordkeeping of occurrence and duration of startups or shutdowns	Yes.
40 CFR 63.10(b)(2)(ii)	Recordkeeping of malfunctions	No. See 40 CFR 63.7555(d)(7) for recordkeeping of occurrence and duration and 40 CFR 63.7555(d)(8) for actions taken during malfunctions.
40 CFR 63.10(b)(2)(iii)	Maintenance records	Yes.
40 CFR 63.10(b)(2)(vi)	Recordkeeping for CMS malfunctions	Yes.
40 CFR 63.10(b)(2)(vii) to (xiv)	Other CMS requirements	Yes.
40 CFR 63.10(c)(1) to (9)	Recordkeeping for sources with CMS	Yes.
40 CFR 63.10(c)(12) and (13)	Recordkeeping for sources with CMS	Yes.
40 CFR 63.10(d)(1) and (2)	General reporting requirements	Yes.
40 CFR 63.10(d)(4)	Progress reports under an extension of compliance	Yes.
40 CFR 63.10(e)	Additional reporting requirements for sources with CMS	Yes.
40 CFR 63.10(f)	Waiver of recordkeeping or reporting requirements	Yes.
40 CFR 63.12	State Authority and Delegation	Yes.
40 CFR 63.13-63.16	Addresses, Incorporation by Reference, Availability of Information, Performance Track Provisions	Yes.

[40 CFR 63.7565]

5 Lumber Drying Kilns

5.1 Summary Description

Emissions from the kilns are uncontrolled.

Table 5.1 contains only a summary of the requirements that apply to the lumber drying kilns. Specific permit requirements are listed below Table 5.1.

Table 5.1 Applicable Requirements Summary

Permit Conditions	Parameter	Permit Limit / Standard Summary	Applicable Requirements Reference	Operating and Monitoring and Recordkeeping Requirements
3.7	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625	5.2
5.1	PM	Process weight	IDAPA 58.01.01.701	5.3

Permit Limits / Standard Summary

5.2 No person shall emit to the atmosphere from any process or process equipment commencing operation on or after October 1, 1979, particulate matter in excess of the amount shown by the following equations, where E is the allowable emission from the entire source in pounds per hour, and PW is the process weight in pounds per hour:

- If PW is less than 9,250 lb/hr,

$$E = 0.045(PW)^{0.60}$$
- If PW is equal to or greater than 9,250 lb/hr,

$$E = 1.10(PW)^{0.25}$$

[PTC No. P-2009.0062, 12/20/2011]

Monitoring and Recordkeeping Requirements

5.3 The permittee shall conduct monthly one-minute observations of each affected emissions point or source using EPA Method 22 (in 40 CFR Part 60, Appendix A). If visible particulate matter emissions are observed for any emissions point, a six-minute observation using EPA Method 9 shall be conducted. The visible emissions evaluation shall be performed during daylight hours under normal operating conditions. The results of each evaluation shall be recorded and maintained as required in Permit Condition 3.22. If four consecutive monthly Method 22 observations indicate that no visible particulate matter emissions are observed from any of the four observations or if four consecutive monthly six-minute observations using Method 9 indicate that opacity is below 20% for each of the four six-minute observations, or any combination of four consecutive monthly Method 22 or Method 9 observations, the frequency of observations decreases to once per quarter. If any quarterly Method 9 observation indicates opacity is greater than 20%, the observation frequency reverts to monthly.

[IDAPA 58.01.01.322.01, 3/19/99; IDAPA 58.01.01.625, 4/5/00]

5.4 Each month, the permittee shall monitor and record the throughput of the kilns for that month and for the most recent 12-month period.

[PTC No. P-2009.0062, 12/20/2011]

6 Insignificant Activities

- 6.1 Table 6.1 lists the units or activities that are insignificant on the basis of size or production rate as provided by the permittee. The regulatory citation for units and activities that are insignificant on the basis of size or production rate is IDAPA 58.01.01.317.01.b. There are no monitoring, recordkeeping, or reporting requirements for insignificant emission units or activities beyond those required in the facility-wide permit conditions (see Section 3).

Table 6.1 Insignificant Activities

Description	Insignificant Activities IDAPA 58.01.01.317.01(b)(i) Citation
ME-86 LDD Hurst boiler pop-off valve	a.i.77
ME-86 LDD Hurst boiler blow-down pit	a.i.80
ME-86 LDD hog-fuel pile	b.i.30
ME-86 LDD 500-gallon diesel tank	b.i.2
ME-86 LDD diesel fuel pump (electric)	b.i.2
ME-86 LDD maintenance welding	a.i.64 and b.i.9

[IDAPA 58.01.01.317.01(b)(i), 5/3/03]

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

7 General Provisions

General Compliance

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

Reopening

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

Property Rights

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

Information Requests

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

Severability

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

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

Changes Requiring Permit Revision or Notice

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

[IDAPA 58.01.01.200–223, 3/25/16; IDAPA 58.01.01.322.15.i, 3/19/99; IDAPA 58.01.01.380–386, 7/1/02; 40 CFR 70.4(b)(12), (14), (15); 40 CFR 70.7(d), (e)]

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

[IDAPA 58.01.01.381–385, 4/5/00; IDAPA 58.01.01.209.05, 4/11/06; 40 CFR 70.4(b)(14), (15)]

Federal and State Enforceability

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

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

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

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

Inspection and Entry

7.14 Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:

- Enter upon the permittee's premises where a Tier I source is located, or emissions related activity is conducted, or where records are kept under conditions of this permit;
- Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
- Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
- As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

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

New Applicable Requirements

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

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

Fees

7.16 The permittee shall pay annual registration fees to DEQ in accordance with IDAPA 58.01.01.387 through IDAPA 58.01.01.397.

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

Certification

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

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

Renewal

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

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

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

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

Permit Shield

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

- Such applicable requirements are included and are specifically identified in the Tier I operating permit; or
- DEQ has determined that other requirements specifically identified are not applicable and all of the criteria set forth in IDAPA 58.01.01.325.01(b) have been met.
- The permit shield shall apply to permit revisions made in accordance with IDAPA 58.01.01.381.04 (administrative amendments incorporating the terms of a permit to construct), IDAPA 58.01.01.382.04 (significant modifications), and IDAPA 58.01.01.384.03 (trading under an emissions cap).
- Nothing in this permit shall alter or affect the following:
 - Any administrative authority or judicial remedy available to prevent or terminate emergencies or imminent and substantial dangers;
 - The liability of a permittee for any violation of applicable requirements prior to or at the time of permit issuance;
 - The applicable requirements of the acid rain program, consistent with 42 U.S.C. Section 7651(g)(a); and
 - The ability of EPA to obtain information from a source pursuant to Section 114 of the CAA; or the ability of DEQ to obtain information from a source pursuant to Idaho Code §39-108 and IDAPA 58.01.01.122.

[Idaho Code §39-108 and 112; IDAPA 58.01.01.122, 4/5/00; IDAPA 58.01.01.322.15.m, 5/1/94; IDAPA 58.01.01.325, 3/19/99; IDAPA 58.01.01.381.04, 382.04, 383.05, 384.03, 385.03, 3/19/99; 40 CFR 70.6(f)]

Compliance Schedule and Progress Reports

7.21 The permittee shall comply with the following:

- For each applicable requirement for which the source is not in compliance, the permittee shall comply with the compliance schedule incorporated in this permit.
- For each applicable requirement that will become effective during the term of this permit and that provides a detailed compliance schedule, the permittee shall comply with such requirements in accordance with the detailed schedule.
- For each applicable requirement that will become effective during the term of this permit that does not contain a more detailed schedule, the permittee shall meet such requirements on a timely basis.
- For each applicable requirement with which the permittee is in compliance, the permittee shall continue to comply with such requirements.

[IDAPA 58.01.01.322.10, 4/5/00; IDAPA 58.01.01.314.9, 5/1/94; IDAPA 58.01.01.314.10, 4/5/00; 40 CFR 70.6(c)(3) and (4)]

Periodic Compliance Certification

7.22 The permittee shall submit compliance certifications during the term of the permit for each emissions unit to DEQ and the EPA as follows:

- The compliance certifications for all emissions units shall be submitted annually from January 1 to December 31 or more frequently if specified by the underlying applicable requirement or elsewhere in this permit by DEQ.
- The initial compliance certification for each emissions unit shall address all of the terms and conditions contained in the Tier I operating permit that are applicable to such emissions unit, including emissions limitations, standards, and work practices;
- The compliance certification shall be in an itemized form providing the following information (provided that the identification of applicable information may cross-reference the permit or previous reports as applicable):
 - The identification of each term or condition of the Tier I operating permit that is the basis of the certification;
 - The identification of the method(s) or other means used by the permittee for determining the compliance status with each term and condition during the certification period. Such methods and other means shall include, at a minimum, the methods and means required under Subsections 322.06, 322.07, and 322.08;
 - The status of compliance with the terms and conditions of the Tier I operating permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in Subsection 322.11.c.ii above. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 occurred; and
 - Such information as DEQ may require to determine the compliance status of the emissions unit.

7.23 All original compliance certifications shall be submitted to DEQ and a copy of all compliance certifications shall be submitted to the EPA.

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

False Statements

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

[IDAPA 58.01.01.125, 3/23/98]

No Tampering

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

[IDAPA 58.01.01.126, 3/23/98]

Semiannual Monitoring Reports

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

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

Reporting Deviations and Excess Emissions

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

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

Permit Revision Not Required

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

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

Emergency

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

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