

STATE OF MISSISSIPPI AND FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

**TO OPERATE AIR EMISSIONS EQUIPMENT AT A
SYNTHETIC MINOR SOURCE**

THIS CERTIFIES THAT

CAM2 International LLC
685 Haining Road
Vicksburg, Mississippi
Warren County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with the Federal Clean Air Act and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), the regulations and standards adopted and promulgated thereunder, and the State Implementation Plan for operating permits for synthetic minor sources.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: _____

Permit No.: 2780-00012

Effective Date: As specified herein.

Expires: [No more than 5 years from the issue date.]

Section 1.

A. GENERAL CONDITIONS

1. This permit is for air pollution control purposes only. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D.)
2. This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.4.D.)
3. Any activities not identified in the application are not authorized by this permit. (Ref.: Miss. Code Ann. 49-17-29 1.b)
4. The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(5).)
5. The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(7).)
6. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(a).)
7. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(c).)
8. The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their authorized representatives, upon the presentation of credentials:
 - a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit, and
 - b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emission.

(Ref.: Miss. Code Ann. 49-17-21)

9. Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. (Ref.: Miss. Code Ann. 49-17-39)
10. Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(7).)
11. The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D(7).)
12. This permit does not authorize a modification as defined in Regulation 11 Miss. Admin. Code Pt. 2, Ch.2., "Permit Regulations for the Construction and/or Operation of Air Emission Equipment." A modification may require a Permit to Construct and a modification of this permit. Modification is defined as "Any physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:
 - a. Routine maintenance, repair, and replacement;
 - b. Use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;
 - c. Use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;
 - d. Use of an alternative fuel or raw material by a stationary source which:
 - (1) The source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166; or

- (2) The source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40CFR 51.66;
- e. An increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Subpart I or 40 CFR 51.166; or
- f. Any change in ownership of the stationary source.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.C(15).)

B. GENERAL OPERATIONAL CONDITIONS

- 1. Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule or, in the absence of an approved schedule, with the appropriate requirements specified in Regulation, 11 Miss. Admin. Code Pt. 2, "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.10.)
- 2. Any diversion from or bypass of collection and control facilities is prohibited, except as provided for in 11 Miss. Admin. Code Pt. 2, R. 1.10., "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants." (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)
- 3. Solids removed in the course of control of air emissions shall be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits. (Ref.: Miss. Code Ann. 49-17-29 1.a(i and ii))
- 4. Except as otherwise specified herein, the permittee shall be subject to the following provisions with respect to upsets, startups, and shutdowns.
 - a. Upsets
 - (1) For an upset defined in 11 Miss. Admin. Code Pt. 2, R. 1.2., the Commission may pursue an enforcement action for noncompliance with an emission standard or other requirement of an applicable rule, regulation, or permit. In determining whether to pursue enforcement action, and/or the appropriate enforcement action to take, the Commission may consider whether the source has demonstrated through properly signed contemporaneous operating logs or other relevant evidence the following:

- (i) An upset occurred and that the source can identify the cause(s) of the upset;
 - (ii) The source was at the time being properly operated;
 - (iii) During the upset the source took all reasonable steps to minimize levels of emissions that exceeded the emission standard or other requirement of an applicable rule, regulation, or permit;
 - (iv) That within 5 working days of the time the upset began, the source submitted a written report to the Department describing the upset, the steps taken to mitigate excess emissions or any other noncompliance, and the corrective actions taken and;
 - (v) That as soon as practicable but no later than 24 hours of becoming aware of an upset that caused an immediate adverse impact to human health or the environment beyond the source boundary or caused a general nuisance to the public, the source provided notification to the Department.
- (2) In any enforcement proceeding by the Commission, the source seeking to establish the occurrence of an upset has the burden of proof.
 - (3) This provision is in addition to any upset provision contained in any applicable requirement.
 - (4) These upset provisions apply only to enforcement actions by the Commission and are not intended to prohibit EPA or third party enforcement actions.

b. Startups and Shutdowns (as defined by 11 Miss. Admin. Code Pt. 2, R. 1.2.)

- (1) Startups and shutdowns are part of normal source operation. Emission limitations apply during startups and shutdowns unless source specific emission limitations or work practice standards for startups and shutdowns are defined by an applicable rule, regulation, or permit.
- (2) Where the source is unable to comply with existing emission limitations established under the State Implementation Plan (SIP) and defined in this regulation, 11 Mississippi Administrative Code, Part 2, Chapter 1, the Department will consider establishing source specific emission limitations or work practice standards for startups and shutdowns. Source specific emission limitations or work practice standards established for startups and shutdowns are subject to the requirements prescribed in 11 Miss. Admin. Code Pt. 2, R. 1.10.B(2)(a) through (e).

- (3) Where an upset as defined in Rule 1.2 occurs during startup or shutdown, see the upset requirements above.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)

5. Compliance Testing: Regarding compliance testing:

- a. The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time.
- b. Compliance testing will be performed at the expense of the permittee.
- c. Each emission sampling and analysis report shall include but not be limited to the following:
 - (1) Detailed description of testing procedures;
 - (2) Sample calculation(s);
 - (3) Results; and
 - (4) Comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.6.B(3), (4), and (6).)

C. PERMIT RENEWAL / MODIFICATION / TRANSFER / TERMINATION

1. For renewal of this permit, the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board. If the applicant submits a timely and complete application pursuant to this paragraph and the Permit Board, through no fault of the applicant, fails to act on the application on or before the expiration date of the existing permit, the applicant shall continue to operate the stationary source under the terms and conditions of the expired permit, which shall remain in effect until final action on the application is taken by the Permit Board. Permit expiration terminates the source's ability to operate unless a timely and complete renewal application has been submitted. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.8.)
2. The permittee shall furnish to the DEQ within a reasonable time any information the 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. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality. The permittee

may furnish such records directly to the Administrator along with a claim of confidentiality. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(d).)

3. The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(b).)
4. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to:
 - a. Persistent violation of any terms or conditions of this permit.
 - b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
 - c. A change in federal, state, or local laws or regulations that require either a temporary or permanent reduction or elimination of previously authorized air emission.(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.C.)
5. This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.16.B.)

SECTION 2 EMISSION POINT DESCRIPTION

The permittee is authorized to operate air emissions equipment, as described in the following table.

Emission Point	Description
AA-001	16.7 MMBTU/hr #2 Fuel Oil Fired Steam Boiler #1
AA-002	16.7 MMBTU/hr #2 Fuel Oil Fired Steam Boiler #2
AA-004	Oil/Water Separator
AA-005	Video Jet Application
AA-006	Tank Truck Loading Rack
AA-007	Container Loading
AA-008	Rail Car Loading
AA-009	Marine Transfer Operations
AA-010	Cooling Tower – Provides heat exchange for the Distillation Unit process – Generates blowdown stream which is routed to Oil/Water Separator (AA-004)
AA-011	Distillation Column Vent to vapor-phase carbon unit with 170 ft ³ of media capacity for control of VOC
AA-012	Blending System Scrubber
AA-013	Blending System Scrubber
Above Ground Storage Tanks	
AB-001	1,012,265 gallon Vertical Fixed Roof Storage Tank, Finished Fuel (Tank 1)
AB-002	1,012,686 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 2)
AB-003	703,561 gallon Vertical Fixed Roof Storage Tank, Distillate Feed (Tank 3)
AB-004	703,467 gallon Vertical Fixed Roof Storage Tank, Distillate Feed (Tank 4)
AB-005	703,594 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 5)
AB-006	450,453 gallon Vertical Fixed Roof Storage Tank, Distillate Feed (Tank 6)
AB-007	211,596 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 7)
AB-008	126,697 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 8)
AB-009	126,742 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 9)

Emission Point	Description
AB-010	56,276 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 10)
AB-011	44,059 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 11)
AB-012	21,110 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 12)
AB-013	10,567 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 13)
AB-014	10,563 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 14)
AB-015	10,572 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 15)
AB-016	126,765 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 16)
AB-017	126,777 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 17)
AB-018	56,344 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 18)
AB-019	10,610 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 19)
AB-020	10,617 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 20)
AB-021	10,628 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 21)
AB-022	10,613 gallon Vertical Fixed Roof Storage Tank, Jaxon Waste Water (Tank 22)
AB-023	10,623 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 23)
AB-024	10,613 gallon Vertical Fixed Roof Storage Tank, Jaxon Waste Water (Tank 24)
AB-025	31,673 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 25)
AB-026	20,329 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 26)
AB-027	20,331 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 27)
AB-028	20,322 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 28)
AB-029	31,682 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 29)
AB-030	22,706 gallon Vertical Fixed Roof Storage Tank, Distillate Fuel Oil #2 (Tank 30)
AB-031	10,000 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 31)
AB-032	5,144 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 32)
AB-033	126,112 gallon Vertical Fixed Roof Storage Tank, Finished Fuel (Tank 33)
AB-034	1,012,269 gallon Vertical Fixed Roof Storage Tank, Distillate Fuel (Tank 34)
AB-035	8,284 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 35)

Emission Point	Description
AB-040	92,176 gallon Vertical Fixed Roof Storage Tank, Finished Solvent (Tank 40)
AB-041	92,176 gallon Vertical Fixed Roof Storage Tank, Finished Solvent (Tank 41)
AB-042	91,653 gallon Vertical Fixed Roof Storage Tank, Distillate Feed (Tank 42)
AB-043	51,599 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 43)
AB-045	7,500 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 45)
AB-046	7,500 gallon Vertical Fixed Roof Storage Tank, Multiservice Lube Oil Product (Tank 46)

SECTION 3 EMISSION LIMITATIONS AND STANDARDS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limitation/Standard
AA-001	40 CFR 60.40c(a) New Source Performance Standard (NSPS) for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60, Subpart Dc	3.1		Applicability only
	40 CFR 60.42c (d) and (i), Subpart Dc	3.2	Fuel Restriction	< 0.5% sulfur by weight
AA-001 AA-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)	3.3	Fuel Restriction	#2 Fuel Oil only
	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b)	3.4	PM (filterable only)	$E = 0.8808 * I^{-0.1667}$
	11 Miss. Admin. Code Pt. 2, R. 1.3.A and B	3.5	Opacity	< 40%
	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1)	3.6	SO ₂	4.8 lb/MMBTU
	40 CFR 63.44494(a)(1) Nation Emission Standards for Hazardous Air Pollutants for Area Sources: Industrial, Commercial, Institutional Boilers, 40 CFR 63, Subpart JJJJJJ	3.7	HAP	Applicability only
	40 CFR 63.11201(b), Subpart JJJJJJ	3.8	HAP	Work Practice Standards and Management Practices
AB-001 AB-002 AB-003 AB-004 AB-005 AB-006 AB-007 AB-008 AB-009 AB-010 AB-011 AB-016 AB-017 AB-018 AB-033 AB-034	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)	3.9	Vapor Pressure	< 1.5 psia to remain below NSPS Subpart Ka applicability

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limitation/Standard
AB-040 AB-041 AB-042 AB-043	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)	3.10	Vapor Pressure	< 0.75 psia to remain below NSPS Subpart Kb applicability

- 3.1 For Emission Point AA-001, the permittee is subject to and shall comply with the applicable requirements of the New Source Performance Standards for Small Industrial-Commercial-Institutional Steam Generation Units (40 CFR 60, Subpart Dc) and the Generation Provisions (40 CFR 60, Subpart A).

(Ref.: 40 CFR 60.40c(a), Subpart Dc)

- 3.2 For Emission Point AA-001, the permittee shall not combust fuel oil containing greater than 0.5% sulfur by weight. The fuel oil sulfur limits apply at all times, including periods of startup, shutdown, and malfunction.

(Ref.: 40 CFR 60.42c(d) and (i), Subpart Dc)

- 3.3 For Emission Points AA-001 and AA-002, the permittee shall only combust #2 Fuel Oil.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10))

- 3.4 For Emission Points AA-001 and AA-002, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations greater than 10 MMBTU/hr heat input shall not exceed an emission rate as determined by the relationship

$$E = 0.8808 * I^{-0.1667}$$

where E is the emission rate in pounds per MMBTU/hr heat input and I is the heat input in MMBTU/hr.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b))

- 3.5 For Emission Points AA-001 and AA-002, the permittee shall not cause, permit, or allow emissions of smoke from any point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity subject to the exceptions provided in (a) and (b).

- (a) Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one hour and not to exceed three (3) startups per stack in any twenty-four (24) hour period.

- (b) Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed 60% opacity, and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one hour.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.A and B)

- 3.6 For Emission Points AA-001 and AA-002, the maximum discharge of sulfur oxides from each fuel burning installation in which fuel is burned primary to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (expressed as sulfur dioxide) per MMBTU heat input.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1))

- 3.7 Emission Points AA-001 and AA-002 are subject to and shall comply will all applicable requirements of the National Emission Standrds for Hazardous Air Pollutants for Area Sources: Industrial, Commercial, and Institutional Boilers (40 CFR 63, Subpart JJJJJJ) and the General Provisions (40 CFR 63, Subpart A).

(Ref.: 40 CFR 63.11194(a)(1), Subpart JJJJJJ)

- 3.8 For Emission Points AA-001 and AA-002, the permittee shall comply with each applicable work practice standard, emission reduction measure, and management practice specified in 40 CFR 63, Subpart JJJJJJ, Table 2.

(Ref.: 40 CFR 63.11201(b), Subpart JJJJJJ)

- 3.9 For Emission Points AB-001, AB-002, AB-003, AB-004, AB-005, AB-006, AB-007, AB-008, AB-009. AB-0010, AB-011, AB-016, AB-017, AB-018, AB-033 and AB-034, the vapor pressure shall not exceed 1.5 psia. If the vapor pressure exceeds 1.5 psia, the permittee shall immediately comply with the applicable requirements of NSPS Subpart Ka (40 CFR 60) and Subpart A (General Provisions).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10))

- 3.10 For Emission Points AB-040, AB-041, AB-042, and AB-043, the vapor pressure shall not exceed 0.75 psia. If the vapor pressure exceeds 0.75 psia, the permittee shall immediately comply with the applicable requirements of NSPS Subpart Kb (40 CFR 60) and Subpart A (General Provisions).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10))

SECTION 4

WORK PRACTICES

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Work Practice
AA-001 AA-002	40 CFR 63 Subpart JJJJJ Table 2(4) and 40 CFR 63.11214(a)	4.1	HAP	Biennial Tune-up of Boiler
	40 CFR 63.11223(b), Subpart JJJJJ	4.2		

- 4.1 For Emission Points AA-001 and AA-002, the permittee shall conduct a tune-up of the boiler biennially as specified in 40 CFR 63.11223(b).

(Ref.: 40 CFR 63 Subpart JJJJJ, Table 2(4) and 40 CFR 63.11214(a), Subpart JJJJJ)

- 4.2 For Emission Points AA-001 and AA-002, the permittee shall conduct a tune-up of the boiler biennially to demonstrate continuous compliance as specified below. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.

- (1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection).
- (2) 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.
- (3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection).
- (4) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.

(Ref.: 40 CFR 63.11223(b), Subpart JJJJJ)

SECTION 5 MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Monitoring/Recordkeeping Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.9.	5.1	Recordkeeping	Maintain records for a minimum of 5 years.
AA-001	40 CFR 60.42c(h), Subpart Dc	5.2	Fuel Oil	Compliance with the fuel oil sulfur limits shall be determined based on certification from the fuel supplier.
	40 CFR 60.48c(e) and (f), Subpart Dc	5.3	Fuel Certifications	Maintain records of the fuel certifications for periods firing fuel oil.
	40 CFR 60.48c(g)(2), Subpart Dc	5.4	Fuel Combusted	Maintain records of the amount of each fuel combusted during each calendar month.
AA-001 AA-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)	5.5	Sulfur Content	Maintain records of percent sulfur content.
	40 CFR 63.11225(d), Subpart JJJJJ	5.6	Recordkeeping	MACT Subpart JJJJJ Recordkeeping
	40 CFR 63.11205(a) and (b)	5.7	HAP	Operate and Maintain Boilers
AB-001 AB-002 AB-003 AB-004 AB-005 AB-006 AB-007 AB-008 AB-009 AB-010 AB-011 AB-016 AB-017 AB-018 AB-033 AB-034 AB-040 AB-041 AB-042 AB-043	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)	5.8	Contents and Vapor Pressure	Maintain records of the contents and vapor pressure for each storage tank.

- 5.1 The permittee shall retain all required records, monitoring data, supporting information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit upon request.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.9.)

- 5.2 For Emission Point AA-001, compliance with the fuel oil sulfur limits shall be determined based on a certification from the fuel supplier.

(Ref.: 40 CFR 60.42c(h), Subpart Dc)

- 5.3 For Emission Point AA-001, the permittee shall record and maintain records of the fuel supplier certifications for periods of firing fuel oil.

(Ref.: 40 CFR 60.48c(e) and (f), Subpart Dc)

- 5.4 For Emission Point AA-001, the permittee shall record and maintain records of the amount of each fuel combusted during each calendar month.

(Ref.: 40 CFR 60.48c(g)(2), Subpart Dc)

- 5.5 For Emission Points AA-001 and AA-002, for each shipment of #2 Fuel Oil received, the permittee shall maintain records to document the percent (%) sulfur content.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11))

- 5.6 For Emission Points AA-001 and AA-002, the permittee shall maintain the following records:

- (a) As required in 40 CFR 63.10(b)(2)(xiv), keep a copy of each notification and report submitted to comply with 40 CFR 63, Subpart JJJJJ and all documentation supporting any Initial Notification or Notification of Compliance Status that was submitted.
- (b) Keep records to document conformance with the work practices, emission reduction measures, and management practices required by 40 CFR 63.11214 as specified below:
 - (i) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.
 - (ii) Records documenting the fuel type(s) used monthly by each boiler, including, but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by the facility or EPA, and the total fuel usage amount with units of measure.

(Ref.: 40 CFR 63.11225(c), Subpart JJJJJ)

- 5.7 For Emission Points AA-001 and AA-002, the permittee shall comply with the following:

- (a) The permittee shall at all times operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the MDEQ 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.
- (b) The permittee shall demonstrate compliance with all applicable emission limits using performance stack testing, fuel analysis, or a continuous monitoring system (CMS), including a continuous emission monitoring system (CEMS), a continuous opacity monitoring system (COMS), or a continuous parameter monitoring system (CPMS), where applicable.

(Ref.: 40 CFR 63.11205(a) and (b), Subpart JJJJJ)

- 5.8 For Emission Points AB-001, AB-002, AB-003, AB-004, AB-005, AB-006, AB-007, AB-008, AB-009, AB-0010, AB-011, AB-016, AB-017, AB-018, AB-033, AB-034, AB-040, AB-041, AB-042, and AB-043, the permittee shall maintain records of the contents and vapor pressure of each storage tank.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11))

SECTION 6 REPORTING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Reporting Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)	6.1	Report permit deviations within five (5) working days.
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)	6.2	Submit certified annual monitoring report.
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)	6.3	All documents submitted to MDEQ shall be certified by a Responsible Official.
AA-001	40 CFR 60.48c(e) and (f), Subpart Dc	6.4	Fuel Supplier Certifications Reports
	40 CFR 60.48c(j), Subpart Dc	6.5	Semi-annual Reports
AA-001 AA-002	40 CFR 63.11225(b), Subpart JJJJJ	6.6	Biennial Compliance Report
	40 CFR 63.11225(g), Subpart JJJJJ	6.7	Fuel Switch Notification

- 6.1 Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) working days of the time the deviation began.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11))

- 6.2 Except as otherwise specified herein, the permittee shall submit a certified annual synthetic minor monitoring report postmarked no later than 31st of January for the preceding calendar year. This report shall address any required monitoring specified in the permit. All instances of deviations from permit requirements must be clearly identified in the report. Where no monitoring data is required to be reported and/or there are no deviations to report, the report shall contain the appropriate negative declaration.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11))

- 6.3 Any document required by this permit to be submitted to the MDEQ shall contain a certification signed by a responsible official stating that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11))

6.4 For Emission Point AA-001, the permittee shall submit a report to MDEQ which includes the calendar dates covered in the reporting period and records of fuel supplier certifications. A fuel supplier certification shall include the following information for distillate oil:

- (a) The name of the oil supplier;
- (b) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c; and
- (c) The sulfur content of the oil.

In addition to records of fuel supplier certification, the report shall include a certified statement signed by the permittee that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.

(Ref.: 40 CFR 60.48c(e) and (f), Subpart Dc)

6.5 For Emission Point AA-001, the reporting period for the reports required under 40 CFR 60.48c is each six-month period. All reports shall be submitted to MDEQ and shall be postmarked by January 31st and July 31st for the preceding six-month period.

(Ref.: 40 CFR 60.48c(j), Subpart Dc)

6.6 For Emission Points AA-001 and AA-002, the permittee shall prepare only a biennial compliance report instead of a semi-annual compliance report. The report shall contain the following:

- (a) Company name and address;
- (b) Statement by a responsible office, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with the relevant standards and other requirements of 40 CFR 63, Subpart JJJJJJ;
- (c) If the source experiences any deviations from the applicable requirements during the reporting period, include a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken;
- (d) The total fuel used by each affected boiler subject to an emission limit, for each calendar month within the reporting period and the total fuel usage amount with units of measure.

(Ref.: 40 CFR 63.11225(b), Subpart JJJJJJ)

6.7 For Emission Points AA-001 and AA-002, if the permittee intends to switch fuels, and this fuel switch may result in the applicability of a different subcategory or a switch out of Subpart JJJJJJ due to a switch to 100 percent natural gas, the permittee shall provide 30 days prior notice at the date upon which you will switch fuels. The notification must identify:

- (a) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that will switch fuels, and the date of the notice.
- (b) The current applicable subcategory under this subpart.
- (c) The date on which you became subject to the currently applicable standards.
- (d) The date upon which you will commence the fuel switch.

(Ref.: 40 CFR 63.11225(g), Subpart JJJJJ)