STATE OF MISSISSIPPI
AIR POLLUTION CONTROL PERMIT

TO CONSTRUCT AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Yokohama Tire Manufacturing Mississippi LLC
1 Yokohama Boulevard
West Point, Mississippi
Clay County

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

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AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: June 6, 2014 **Permit No.: 0480-00040**

Modified: DATE

64430 PER20130001

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. Any activities not identified in the application are not authorized by this permit. (Ref.: Miss. Code Ann. 49-17-29 1.b)

3. 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 operating without a valid permit pursuant to State Law. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(5).)

4. It is the responsibility of the applicant/permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D(6).)

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 the 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 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).)

8. The permit does not convey any property rights of any sort, or any exclusive privilege. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(c).)

9. 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).)

10. Design and Construction Requirements: The stationary source shall be designed and constructed so as to operate without causing a violation of an Applicable Rules and Regulations, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.A.)

11. Solids Removal: The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may 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)

12. Diversion and Bypass of Air Pollution Controls: The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed 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", Section 10. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)

13. Fugitive Dust Emissions from Construction Activities: The construction of the stationary source shall be performed in such a manner so as to reduce fugitive dust emissions from construction activities to a minimum. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.A(4).)

14. Right of Entry: The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their representatives upon 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 emissions. (Ref.: Miss. Code Ann. 49-17-21)

15. Permit Modification or Revocation: After notice and opportunity for a hearing, the Permit Board may modify the permit or revoke it in whole or in part for good cause shown including, but not limited to:

    a) Persistent violation of any of the 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.)

16. Public Record and Confidential Information: 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)

17. Permit Transfer: This permit shall not be transferred except upon approval of the Permit Board. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.16.B)

18. Severability: The provisions of this permit are severable. If any provision of the permit, or the application of any provision of the 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).)

19. Permit Expiration: The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance or if construction is suspended for eighteen (18) months or more. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(1).)

20. Certification of Construction: A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(3).)

21. Beginning Operation: Except as prohibited in Part I, Condition 24 of this permit, after certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate, whichever is applicable, is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by 11 Miss. Admin. Code Pt. 2, R. 2.13.G. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(4).)

22. Application for a Permit to Operate: Except as otherwise specified in Part I, Condition 24 of this permit, the application for issuance or modification of the State Permit to Operate or the Title V Permit, whichever is applicable, is due twelve (12) months after beginning operation or such earlier date or time as specified in the Permit to Construct. The Permit Board may specify an earlier date or time for submittal of the application. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(5).)

23. Operating Under a Permit to Construct: Except as otherwise specified in Part I, Condition 24 of this permit, upon submittal of a timely and complete application for issuance or modification of a State Permit to Operate or a Title V Permit, whichever is applicable, the applicant may continue to operate under the terms and conditions of the Permit to Construct and in compliance with the submitted application until the Permit Board issues, modifies, or denies the Permit to Operate. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(6).)

24. Application Requirements for a Permit to Operate for Moderate Modifications: For moderate modifications that require contemporaneous enforceable emissions reductions from more than one emission point in order to "net" out of PSD/NSR, the applicable Title V Permit to Operate or State Permit to Operate must be modified prior to beginning operation of the modified facilities. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7).)

25. 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).)

B. GENERAL NOTIFICATION REQUIREMENTS

1. Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(2).)

2. The permittee must notify DEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(3).)

3. Upon the completion of construction or installation of an approved stationary source or modification, the applicant shall notify the Permit Board that construction or installation was performed in accordance with the approved plans and specifications on file with the Permit Board. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(1).)

4. The Permit Board shall be promptly notified in writing of any change in construction from the previously approved plans and specifications or permit. If the Permit Board determines the changes are substantial, it may require the submission of a new application to construct with "as built" plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an "as built" application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(2).)

SECTION 2
EMISSION POINT DESCRIPTION

The permittee is authorized to construct and operate, upon certification of construction, the following air emissions equipment for the Truck and Bus Tire Plant:

Emission Point ID	Description
Fuel Burning Equipment	
AA-001	24 MMBtu/hr natural gas-fired boiler (Plant ID: ES-6)
AA-002	24 MMBtu/hr natural gas-fired boiler (Plant ID: ES-7)
AA-003	400 hp diesel (No. 2 fuel oil) firewater pump engine (Plant ID: FP-1)
AA-004	400 hp diesel (No. 2 fuel oil) firewater pump engine (Plant ID: FP-2)
AA-005	150 hp diesel (No. 2 fuel oil) emergency generator (Plant ID: ES-8)
Unloading, Transfer, and Storage (Plant ID: ES-1)	
AB-100	Carbon Black unloading silos, equipped with bin vent filters
AC-100	Silica unloading silos, equipped with bin vent filters
AD-100	Carbon Black day bins, equipped with bin vent filters
AE-100	Silica day bins, equipped with bin vent filters
Dry Chemical Weighing and Handling (Plant ID: ES-2)	
AF-100	Pigment System Storage
AG-100	Carbon Black Handling, controlled by bin vent filters
AH-100	Silica Handling, controlled by bin vent filters
AI-100	Pigment Handling, controlled by a baghouse(s)
Tire Preparation (Plant ID: ES-3)	
AJ-100	Mixers with emissions controlled by baghouses
AK-100	Extruders
AL-100	Warm-up mills
AM-100	Calendars
Plant-wide Cement and Solvent Usage (Plant ID: ES-4)	
AN-100	Cementing Operations
Tire Building, Curing and Final Finish (Plant ID: ES-5)	
AO-100	Green Tire Spray
AP-100	Curing process, including curing presses
AQ-100	Final Repair Process

SECTION 3
EMISSION LIMITATIONS AND STANDARDS

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
Facility-Wide				
Facility-Wide	Construction Permit issued June 6, 2014	3.1	Rubber Processing	141,649,200 lb/yr of total rubber processed (consecutive 12-month total)
		3.2	Opacity	≤ 40%
	Construction Permit issued June 6, 2014 and modified DATE Avoidance of Major Source MACT Avoidance of 40 CFR 52.21 11 Miss. Admin. Code Pt. 2.2.B(10)	3.3	VOC	≤249 tons/yr
		3.4	HAP	≤9.9 tons/yr of single HAP, ≤24.9 tons/yr of combined HAP
Fuel Burning Equipment				
AA-001 AA-002	Construction Permit issued June 6, 2014 and §63.11237	3.5	Fuel Requirement	Combust only natural gas except during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel during which distillate oil can be burned
	NSPS Subpart Dc, §60.40c(a)	3.6		General Applicability
	NSPS Subpart Dc, §60.442c(d)	3.7	Distillate oil sulfur content	≤ 0.5 wt% sulfur
AA-003 AA-004 AA-005	MACT Subpart ZZZZ, §§63.6585 and 63.6590(c)	3.8		General Applicability, comply by meeting requirements of NSPS Subpart IIII
	NSPS Subpart IIII, §60.4200(a)(2)	3.9		General Applicability
AA-003 AA-004	NSPS Subpart IIII, §60.4205(c)	3.10	NMHC + NOx, CO, PM	Comply with applicable emission standards in Table 4 to Subpart IIII
AA-005	NSPS Subpart IIII, §60.4205(b)	3.11	NMHC + NOx, CO, PM	Comply with applicable emission standards in §60.4202

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-003 AA-004 AA-005	NSPS Subpart IIII, §60.4206	3.12	NMHC + NOx, CO, PM	Maintain emission standards over entire life of engine
	NSPS Subpart IIII, §60.4207(b)	3.13	Fuel Requirements	Use diesel fuel that meets the requirements of 40 CFR 80.510(b)
	NSPS Subpart IIII, §60.4211(f)	3.14	Hours of Operation	Engine may be operated for a maximum of 100 hours per calendar year in non-emergency operation
Uploading, Transfer, and Storage				
AB-100 AC-100 AD-100 AE-100	Construction Permit issued June 6, 2014	3.15	Control Device Requirement	Install, operate, and maintain bin vent filters on silos and day bins at all times that emissions may be vented
Dry Chemical Weighing and Handling				
AG-100 AH-100	Construction Permit issued June 6, 2014	3.15	Control Device Requirement	Install, operate, and maintain bin vent filters on silos and day bins at all times that emissions may be vented
AI-100	Construction Permit issued June 6, 2014	3.16	Control Device Requirement	Install, operate, and maintain the baghouse at all times that emissions may be vented
Tire Preparation				
AJ-100	Construction Permit issued June 6, 2014	3.16	Control Device Requirement	Install, operate, and maintain the baghouse at all times that emissions may be vented

3.1 For the entire facility, the permittee shall not process more than 141,649,200 pounds per year (lb/yr) of total rubber, determined for each consecutive 12-month period. (Ref.: Construction Permit issued June 6, 2014)

3.2 For the entire facility, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source, any air contaminant is excess of 40% opacity. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.B.)

3.3 For the entire facility, the permittee shall not emit more than 249 tons per year (tons/yr) of volatile organic compounds (VOC), determined for each consecutive 12-month period on a rolling monthly basis. (Ref: Construction Permit issued June 6, 2014 and modified DATE, 2016)

3.4 For the entire facility, the permittee shall not emit more than 9.9 or 24.9 tons per year (tons/yr) of any single or combination of hazardous air pollutants (HAP) listed in Section 112 of the Clean Air Act, respectively, determined for each consecutive 12-month period on a rolling monthly basis. (Ref: Construction Permit issued June 6, 2014 and modified DATE, 2016)

3.5 For Emission Points AA-001 and AA-002, the permittee shall combust natural gas in the boilers and shall only burn distillate fuel oil during periods of gas curtailment, gas supply interruption, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year. (Ref.: Construction Permit issued June 6, 2014 and §63.11237 (definition of "gas-fired boiler"))

3.6 For Emission Points AA-001 and AA-002, the permittee is subject to and shall comply with all applicable requirements of the New Source Performance Standards for Small Industrial-Commercial-Institutional Steam Generating Units (40 CFR Part 60, Subpart Dc) and the General Provisions (40 CFR Part 60, Subpart A). (Ref.: §60.40c(a))

3.7 For Emission Points AA-001 and AA-002, the permittee shall not combust distillate oil that contains greater than 0.5 weight percent sulfur. (Ref.: §60.402c(d))

3.8 For Emission Points AA-003, AA-004, and AA-005, the permittee is subject to and shall comply with the National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (40 CFR Part 63, Subpart ZZZZ) by meeting the requirements of 40 CFR Part 60, Subpart IIII. (Ref.: §63.6585 and 63.6590(c))

3.9 For Emission Points AA-003, AA-004, and AA-005, the permittee is subject to and shall comply with all applicable requirements of the New Source Performance Standards for Stationary Compression Ignition (CI) Internal Combustion Engines (ICE) (40 CFR Part 60, Subpart Db) and the General Provisions (40 CFR Part 60, Subpart A). (Ref.: §60.4200(a)(2))

3.10 For Emission Points AA-003 and AA-004, the permittee shall comply with the emission standards in Table 4 to Subpart IIII, for all pollutants. (Ref.: §60.4205(c))

3.11 For Emission Point AA-005, the permittee shall comply with the emission standards for new nonroad CI engines in §60.4202, for all pollutants, for the same model year and maximum engine power for 2007 model year and later emergency stationary CI ICE. (Ref.: §60.4205(b))

3.12 For Emission Points AA-003, AA-004, and AA-005, the permittee shall operate and maintain stationary CI ICE that achieve the emission standards as required in §60.4205 over the entire life of the engine. (Ref.: §60.4206)

3.13 For Emission Points AA-003, AA-004, and AA-005, the permittee shall use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. (Ref.: §60.4207(b))

3.14 For Emission Points AA-003, AA-004, and AA-005, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described below, is prohibited.

(a) There is no time limit on the use of emergency stationary ICE in emergency situations.

(b) The permittee may operate the emergency stationary ICE for any combination of the purposes specified in §60.4211(f)(2)(i) through (iii) for a maximum of 100 hours per calendar year.

(c) The emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (b). Except as provided in §60.4211(f)(3)(i) of this section, the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(Ref.: §60.4211(f))

3.15 For each silo and day bin used in Emission Points AB-100, AC-100, AD-100, AE-100, AG-100, and AH-100, the permittee shall install, operate, and maintain bin vent filters. (Ref.: Construction Permit issued June 6, 2014)

3.16 For Emission Points AI-100 and AJ-100, the permittee shall install, operate, and maintain baghouses to control emissions from Pigment Handling and Mixing operations. (Ref.: Construction Permit issued June 6, 2014)

SECTION 4
MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Monitoring/Recordkeeping
Facility-Wide				
Facility-wide	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(2).	4.1	Records Retention	Maintain all records for five (5) years from the date generated
	Construction Permit issued June 6, 2014	4.2	Rubber Processing	Monitor and record monthly rubber introduced to mixing process
	Construction Permit issued June 6, 2014 and modified DATE, 2016	4.3	Records Retention	Monitor and record monthly VOC emissions on a 12-month rolling basis. Keep SDS for production materials containing VOC
	Construction Permit issued June 6, 2014 and modified DATE, 2016	4.4	Records Retention	Monitor and record monthly HAP emissions on a 12-month rolling basis. Keep SDS for production materials containing HAP
Fuel Burning Equipment				
AA-001, AA-002	NSPS Subpart Dc, §§60.42c(h)(1), 60.44c(h), 60.48c(f)	4.5	Distillate fuel sulfur content	Determine compliance using certification provided by fuel supplier
	NSPS Subpart Dc, §60.48c(e)(11)	4.6	Records	Keep records of fuel supplier certifications
	NSPS Subpart Dc, §60.48c(g)(2) and Construction Permit issued June 6, 2014	4.7	Fuel records	Record the amount of each fuel combusted during each calendar month and reason any fuel oil is combusted
AA-003, AA-004, AA-005	NSPS Subpart IIII, §60.4209(a) and Construction Permit issued June 6, 2014	4.8	Hours of operation	Install non-resettable hour meter and record hours of operation and reason for operation
	NSPS Subpart IIII, §60.4211(a)	4.9	O&M	Operate and maintain engines according to manufacturer's specs
	NSPS Subpart IIII, §60.4211(c)	4.10	Certified Engine	Purchase an engine certified to meet the applicable emission standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Monitoring/Recordkeeping
Uploading, Transfer, and Storage				
AB-100, AC-100, AD-100, AE-100	Construction Permit issued June 6, 2014 and modified DATE, 2016	4.11	Visible Emissions	Continuously monitor emissions using bag leak detection system on all bin vent filters while materials are being loaded or transferred
Dry Chemical Weighing and Handling				
AG-100, AH-100	Construction Permit issued June 6, 2014 and modified DATE, 2016	4.11	Visible Emissions	Continuously monitor emissions using bag leak detection system on all bin vent filers while materials are being loaded or transferred
AI-100	Construction Permit issued June 6, 2014 and modified DATE, 2016	4.12	Visible Emissions	Continuously monitor emissions using bag leak detection system on all baghouses while materials are being loaded or transferred
Tire Preparation				
AJ-100	Construction Permit issued June 6, 2014 and modified DATE, 2016	4.13	Visible Emissions	Continuously monitor emissions using bag leak detection system on all baghouses while mixers are in operation

4.1 The permittee shall retain records of all required monitoring data and support information 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 recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Records and reports may be maintained in electronic form as long as they are available at the facility for review by MDEQ personnel. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(2).)

4.2 The permittee shall monitor and record the total amount of rubber introduced to the mixing process for each month and shall calculate the total amount in lb/yr for each consecutive 12-month period. (Ref.: Construction Permit issued June 6, 2014)

4.3 The permittee shall keep records of materials and fuel usage at the facility each month and shall calculate VOC emissions in tons/yr for each consecutive 12-month period to show compliance with Condition 3.3. The permittee shall also keep records of the calculations and methods used to quantify VOC emissions as well as the SDS for each VOC-containing material used at the facility. (Ref.: Construction Permit issued DATE, 2016)

4.4 The permittee shall keep records of materials and fuel usage at the facility each month and shall calculate HAP emissions in tons/yr for each consecutive 12-month period to show compliance with Condition 3.4. The permittee shall also keep records of the calculations and methods used to quantify HAP emissions as well as the SDS for each HAP-containing material used at the facility (Ref.: Construction Permit issued DATE, 2016)

4.5 For Emission Points AA-001 and AA-002, the permittee shall demonstrate compliance with the fuel oil sulfur limit by using fuel supplier certifications, which shall include the following information:

(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 §60.41c; and

(c) The sulfur content or maximum sulfur content of the oil.

(Ref.: §§60.42c(h)(1), 60.44c(h), and 60.48c(f))

4.6 For Emission Points AA-001 and AA-002, the permittee shall keep records of fuel supplier certifications. (Ref.: §60.48c(e)(11))

4.7 For Emission Points AA-001 and AA-002, the permittee shall record and maintain records of the amount of each fuel combusted during each calendar month. The permittee shall note the reason any distillate fuel oil is combusted. (Ref.: §60.48c(g)(2) and Construction Permit issued June 6, 2014)

4.8 For Emission Points AA-003, AA-004, and AA-005, the permittee shall install a non-resettable hour meter prior to startup of each engine. The permittee shall keep records of the operation of each engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time. (Ref.: §§60.4209(a) and 60.4214(b) and Construction Permit issued June 6, 2014)

4.9 For Emission Points AA-003, AA-004, and AA-005, the permittee shall do the following:

(a) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;

(b) Change only those emission-related settings that are permitted by the manufacturer; and

(c) Meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply to you.

(Ref.: §60.4211(a))

4.10 For Emission Points AA-003, AA-004, and AA-005, the permittee shall comply by purchasing an engine certified to the emission standards in §60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications, except as permitted in §60.4211(g). (Ref.: §60.4211(c))

4.11 For Emission Points AB-100, AC-100, AD-100, AE-100, AG-100, and AH-100, for all silos and day bins equipped with bin vent filters, the permittee shall continuously monitor particulate matter emissions from each bin vent filter while materials are being loaded or transferred using a bag leak detection system. Permittee shall record the time and duration of any excess emissions or monitor malfunction or downtime for each emission point ID and specific equipment ID. Permittee shall also record any corrective measures taken to minimize emissions or bring monitor into proper operation. Maintenance and quality assurance/quality control measures shall be conducted in accordance with the manufacturers specifications and records of such activities shall be kept. (Ref.: Construction Permit issued DATE, 2016)

4.12 For Emission Point AI-100, for all silos and day bins equipped with baghouses, the permittee shall continuously monitor particulate matter emissions from each baghouse while materials are being loaded or transferred using a bag leak detection system. Permittee shall record the time and duration of any excess emissions or monitor malfunction or downtime for the emission point ID and specific equipment ID. Permittee shall also record any corrective measures taken to minimize emissions or bring monitor into proper operation. Maintenance and quality assurance/quality control measures shall be conducted in accordance with the manufacturers specifications and records of such activities shall be kept. (Ref.: Construction Permit issued DATE, 2016)

4.13 For Emission Point AJ-100, for all mixers equipped with baghouses, the permittee shall continuously monitor particulate matter emissions from each baghouse while mixers are in operation using a bag leak detections system. Permittee shall record the time and duration of any excess emissions or monitor malfunction or downtime for the emission point ID and specific equipment ID. Permittee shall also record any corrective measures taken to minimize emissions or bring monitor into proper operation. Maintenance and quality assurance/quality control measures shall be conducted in accordance with the manufacturers specifications and records of such activities shall be kept. (Ref.: Construction Permit issued DATE, 2016)

SECTION 5
REPORTING REQUIREMENTS

Emission Point(s)	Applicable Requirement	Condition Number(s)	Reporting Requirement
Facility-wide	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(2)	5.1	Report any permit deviations within 5 days
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.2	Submit semiannual reports
	Construction Permit issued June 6, 2014 modified DATE, 2016	5.3	Semiannual summary reports
AA-001, AA-002	NSPS Subpart Dc, §60.48c(a)	5.4	Initial notification requirements
	NSPS Subpart Dc, §§60.48c(d), (e)(11), and (j)	5.5	Reports of fuel supplier certification for distillate fuel oil

5.1 For the entire facility, 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. Such report shall be made within five (5) days of the time the deviation began. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(2).)

5.2 For the entire facility, the permittee shall submit reports of any required monitoring by July 31 and January 31 for the preceding six-month period. All instances of deviations from permit requirements must be clearly identified in such reports and all required reports must be certified by a responsible official consistent with 11 Miss. Admin. Code Pt. 2, R. 6.2.E. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.3 For the entire facility, the permittee shall prepare a summary report of the required monitoring, which quantifies the VOC and HAP emissions (as required by Conditions 4.3 and 4.4) on a 12-month rolling basis and submit in accordance with Condition 5.2 of this permit. (Ref.: Construction Permit issued June 6, 2014 and modified DATE, 2016)

5.4 For Emission Points AA-001 and AA-002, the permittee shall submit notification of the date of construction or reconstruction and actual startup, as provided by §60.7. This notification shall include the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility. (Ref.: §60.48c(a))

5.5 For Emission Points AA-001 and AA-002, the permittee shall submit reports in accordance with Condition 5.2 of records of fuel supplier certification for any distillate oil. In addition to records of fuel supplier certifications, the report shall include a certified statement signed by the owner or operator of the affected facility that the records

of fuel supplier certifications submitted represent all of the distillate fuel combusted during the reporting period. (Ref.: §§60.48c(d), (e)(11), and (j))