

**STATE OF MISSISSIPPI
AIR POLLUTION CONTROL
TITLE V PERMIT**

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

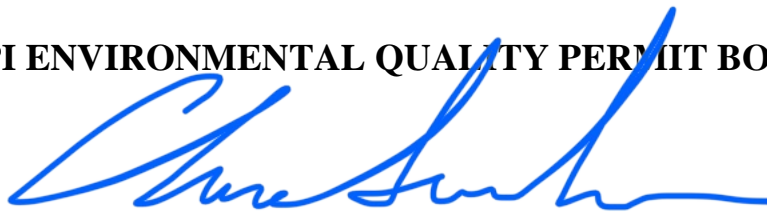
Yokohama Tire Manufacturing Mississippi LLC
1 Yokohama Boulevard
West Point, Mississippi
Clay County

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 Title V of the Federal Clean Air Act (42 U.S.C.A. § 7401 - 7671) and 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.

Permit Issued: December 28, 2023

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD



AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Expires: November 30, 2028

Permit No.: 0480-00040

TABLE OF CONTENTS

SECTION 1. GENERAL CONDITIONS3
SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES13
SECTION 3. EMISSION LIMITATIONS & STANDARDS15
SECTION 4. COMPLIANCE SCHEDULE.....23
SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS24
SECTION 6. ALTERNATIVE OPERATING SCENARIOS30
SECTION 7. TITLE VI REQUIREMENTS31

APPENDIX A LIST OF ABBREVIATIONS USED IN THIS PERMIT
APPENDIX B LIST OF REGULATIONS REFERENCED IN THIS PERMIT

SECTION 1. GENERAL CONDITIONS

1.1 The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Federal Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(a).)

1.2 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.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(b).)

1.3 This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. 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. 6.3.A(6)(c).)

1.4 Prior to its expiration, this permit may be reopened in accordance with the provisions listed below.

(a) This permit shall be reopened and revised under any of the following circumstances:

- (1) Additional applicable requirements under the Federal Act become applicable to a major Title V source with a remaining permit term of 3 or more years. Such a reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended.
- (2) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
- (3) The Permit Board or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emission standards or other terms or conditions of the permit.
- (4) The Administrator or the Permit Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

- (b) Proceedings to reopen and issue this permit shall follow the same procedures as apply to initial permit issuance and shall only affect those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.
- (c) Reopenings shall not be initiated before a notice of such intent is provided to the Title V source by the DEQ at least 30 days in advance of the date that the permit is to be reopened, except that the Permit Board may provide a shorter time period in the case of an emergency.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.G.)

- 1.5 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 permittee or, for information to be confidential, the permittee shall furnish such records to 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. 6.3.A(6)(e).)

- 1.6 This permit does not convey any property rights of any sort, or any exclusive privilege.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(d).)

- 1.7 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. 6.3.A(5).)

- 1.8 The permittee shall pay to the DEQ an annual permit fee. The amount of fee shall be determined each year based on the provisions of regulated pollutants for fee purposes and the fee schedule specified in the Commission on Environmental Quality's order which shall be issued in accordance with the procedure outlined in Regulation 11 Miss. Admin. Code Pt. 2, Ch. 6.

- (a) For purposes of fee assessment and collection, the permittee shall elect for actual or allowable emissions to be used in determining the annual quantity of emissions unless the Commission determines by order that the method chosen by the applicant for calculating actual emissions fails to reasonably represent actual emissions. Actual emissions shall be calculated using emission monitoring data or direct emissions measurements for the pollutant(s); mass balance calculations such as the amounts of the pollutant(s) entering and leaving process equipment and where mass balance calculations can be supported by direct measurement of process parameters, such direct measurement data shall be supplied; published emission factors such as

those relating release quantities to throughput or equipment type (e.g., air emission factors); or other approaches such as engineering calculations (e.g., estimating volatilization using published mathematical formulas) or best engineering judgments where such judgments are derived from process and/or emission data which supports the estimates of maximum actual emission.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.A(2).)

- (b) If the Commission determines that there is not sufficient information available on a facility's emissions, the determination of the fee shall be based upon the permitted allowable emissions until such time as an adequate determination of actual emissions is made. Such determination may be made anytime within one year of the submittal of actual emissions data by the permittee.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.A(2).)

- (c) If at any time within the year the Commission determines that the information submitted by the permittee on actual emissions is insufficient or incorrect, the permittee will be notified of the deficiencies and the adjusted fee schedule. Past due fees from the adjusted fee schedule will be paid on the next scheduled quarterly payment time.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.D(2).)

- (d) The fee shall be due September 1 of each year. By July 1 of each year, the permittee shall submit an inventory of emissions for the previous year on which the fee is to be assessed. The permittee may elect a quarterly payment method of four (4) equal payments; notification of the election of quarterly payments must be made to the DEQ by the first payment date of September 1. The permittee shall be liable for penalty as prescribed by State Law for failure to pay the fee or quarterly portion thereof by the date due.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.D.)

- (e) If in disagreement with the calculation or applicability of the Title V permit fee, the permittee may petition the Commission in writing for a hearing in accordance with State Law. Any disputed portion of the fee for which a hearing has been requested will not incur any penalty or interest from and after the receipt by the Commission of the hearing petition.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.C.)

- 1.9 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 this permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(8).)

- 1.10 Any document required by this permit to be submitted to the DEQ shall contain a certification by a responsible official that states 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. 6.2.E.)

- 1.11 The permittee shall allow the DEQ, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to perform the following:
- (a) enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
 - (b) have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - (d) as authorized by the Federal Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.C(2).)

- 1.12 Except as otherwise specified or limited herein, the permittee shall have necessary sampling ports and ease of accessibility for any new air pollution control equipment, obtained after May 8, 1970, and vented to the atmosphere.

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

- 1.13 Except as otherwise specified or limited herein, the permittee shall provide the necessary sampling ports and ease of accessibility when deemed necessary by the Permit Board for air pollution control equipment that was in existence prior to May 8, 1970.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.I(2).)

- 1.14 Compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance where such applicable requirements are included and are specifically identified in the permit or where the permit contains a determination, or summary thereof, by the Permit Board that requirements specifically identified previously are not applicable to the source.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.F(1).)

1.15 Nothing in this permit shall alter or affect the following:

- (a) the provisions of Section 303 of the Federal Act (emergency orders), including the authority of the Administrator under that section;
- (b) the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
- (c) the applicable requirements of the acid rain program, consistent with Section 408(a) of the Federal Act.
- (d) the ability of EPA to obtain information from a source pursuant to Section 114 of the Federal Act.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.F(2).)

1.16 The permittee shall comply with the requirement to register a Risk Management Plan if permittee's facility is required pursuant to Section 112(r) of the Act to register such a plan.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.H.)

1.17 Expiration of this permit terminates the permittee's right to operate unless a timely and complete renewal application has been submitted. A timely application is one which is submitted at least six (6) months prior to expiration of the Title V permit. If the permittee submits a timely and complete application, the failure to have a Title V permit is not a violation of regulations until the Permit Board takes final action on the permit application. This protection shall cease to apply if, subsequent to the completeness determination, the permittee fails to submit by the deadline specified in writing by the DEQ any additional information identified as being needed to process the application.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.C(2)., R. 6.4.B., and R. 6.2.A(1)(c).)

1.18 The permittee is authorized to make changes within their facility without requiring a permit revision (ref: Section 502(b)(10) of the Act) if:

- (a) the changes are not modifications under any provision of Title I of the Act;
- (b) the changes do not exceed the emissions allowable under this permit;
- (c) the permittee provides the Administrator and the Department with written notification in advance of the proposed changes (at least seven (7) days, or such other time frame as provided in other regulations for emergencies) and the notification includes:

- (1) a brief description of the change(s),
 - (2) the date on which the change will occur,
 - (3) any change in emissions, and
 - (4) any permit term or condition that is no longer applicable as a result of the change;
- (d) the permit shield shall not apply to any Section 502(b)(10) change.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.F(1).)

- 1.19 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 11 Miss. Admin. Code Pt. 2, Ch. 3., "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared.

(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 3.)

- 1.20 Except as otherwise provided herein, a modification of the facility may require a Permit to Construct in accordance with the provisions of Regulations 11 Miss. Admin. Code Pt. 2, Ch. 2., "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment," and may require modification of this permit in accordance with Regulations 11 Miss. Admin. Code Pt. 2, Ch. 6., "Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act." Modification is defined as [a]ny 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, Subpart I, or 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 40 CFR Part 51, Subpart I, or 40 CFR 51.166;
- (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).)

1.21 Any change in ownership or operational control must be approved by the Permit Board.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.D(4).)

1.22 This permit is a Federally approved operating permit under Title V of the Federal Clean Air Act as amended in 1990. All terms and conditions, including any designed to limit the source's potential to emit, are enforceable by the Administrator and citizens under the Federal Act as well as the Commission.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.B(1).)

1.23 Except as otherwise specified or limited herein, the open burning of residential, commercial, institutional, or industrial solid waste, is prohibited. This prohibition does not apply to infrequent burning of agricultural wastes in the field, silvicultural wastes for forest management purposes, land-clearing debris, debris from emergency clean-up operations, and ordnance. Open burning of land-clearing debris must not use starter or auxiliary fuels which cause excessive smoke (rubber tires, plastics, etc.); must not be performed if prohibited by local ordinances; must not cause a traffic hazard; must not take place where there is a High Fire Danger Alert declared by the Mississippi Forestry Commission or Emergency Air Pollution Episode Alert imposed by the Executive Director and must meet the following buffer zones.

- (a) Open burning without a forced-draft air system must not occur within 500 yards of an occupied dwelling.

- (b) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.
- (c) Burning must not occur within 500 yards of commercial airport property, private airfields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.G.)

1.24 Except as otherwise specified herein, the permittee shall be subject to the following provision with respect to emergencies:

- (a) Except as otherwise specified herein, an “emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.
- (b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.
- (c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows:
 - (1) an emergency occurred and that the permittee can identify the cause(s) of the emergency;
 - (2) the permitted facility was at the time being properly operated;
 - (3) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
 - (4) the permittee submitted notice of the emergency to the DEQ within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

- (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.G.)

1.25 Except as otherwise specified herein, the permittee shall be subject to the following provisions with respect to upsets, startups, and shutdowns.

- (a) Upsets (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
 - (1) For an upset, 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 in 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.)

- 1.26 The permittee shall comply with all applicable standards for demolition and renovation activities pursuant to the requirements of 40 CFR Part 61, Subpart M, as adopted by reference in Regulation 11 Miss Admin. Code Pt. 2, R. 1.8. The permittee shall not be required to obtain a modification of this permit in order to perform the referenced activities.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.8.)

SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
<i>Fuel Burning Equipment</i>	
AA-001	29 MMBtu/hr natural gas-fired boiler (Plant ID ES-6)
AA-002	29 MMBtu/hr natural gas-fired backup boiler (Plant ID ES-7)
AA-003	400 HP (298 kW) Diesel-fired fire pump engine (Plant ID FP-1) (Manufactured in 2014)
AA-005	48.8 HP (36 kW) Diesel-fired emergency generator (Plant ID ES-8) (Manufactured in 2016)
AA-006	335 HP (250 kW) Diesel-fired emergency generator (Plant ID ES-9) (Manufactured in 2021)
<i>Unloading, Transfer, and Storage (Plant ID ES-1)</i>	
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
<i>Dry Chemical Weighing and Handling (Plant ID ES-2)</i>	
AF-100	Pigment system storage
AG-100	Carbon Black handling controlled with bin vent filters
AH-100	Silica handling controlled with bin vent filters
AI-100	Pigment handling controlled by baghouses
<i>Tire Preparation (Plant ID ES-3)</i>	
AJ-100	Mixers with emissions controlled by baghouses
AK-100	Extruders
AL-100	Warm-up mills
AM-100	Calendars
<i>Plant-wide Cement and Solvent Usage (Plant ID ES-4)</i>	
AN-100	Cementing operations

Emission Point	Description
<i>Tire Building, Curing, and Final Finish (Plant ID ES-5)</i>	
AO-100	Green tire spray
AP-100	Curing process including the curing presses
AQ-100	Final repair process

SECTION 3. EMISSION LIMITATIONS & STANDARDS

A. Facility-Wide Emission Limitations & Standards

3.A.1 Except as otherwise specified or limited herein, the permittee shall not cause, permit, or allow the emission of smoke from a 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) & (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 percent 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.)

3.A.2 Except as otherwise specified or limited herein, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in Condition 3.A.1. This shall not apply to vision obscuration caused by uncombined water droplets.

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

3.A.3 For the entire facility, the permittee shall not cause, permit, or allow the emission of particles or any contaminants in sufficient amounts or of such duration from any process as to be injurious to humans, animals, plants, or property, or to be a public nuisance, or create a condition of air pollution.

- (a) The permittee shall not cause or permit the handling, transporting, or storage of any material in a manner which allows or may allow unnecessary amounts of particulate matter to become airborne.
- (b) When dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof escape from a building or equipment in such a manner and amount as to cause a nuisance to property other than that from which it originated or to violate any other provision of 11 Miss. Admin. Code Pt. 2, Ch. 1, the Commission may order such corrected in a way that all air and gases or air and gasborne material leaving the building or equipment are controlled or removed prior to discharge to the open air.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.C.)

B. Emission Point Specific Emission Limitations & Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
Facility-wide Requirements				
Facility-wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), as established in the federally enforceable Permit to Construct issued June 6, 2014, and modified September 30, 2016	3.B.1	Rubber Processed	≤ 141,649,200 lbs/yr of total rubber processed on a rolling 12-month total basis
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), as established in the federally enforceable Permit to Construct issued June 6, 2014, and modified September 30, 2016 (PSD Avoidance Limit)	3.B.2	VOC	≤ 249 TPY
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), as established in the federally enforceable Permit to Construct issued June 6, 2014, and modified September 30, 2016, and later modified under 11 Miss. Admin. Code Pt. 2, R. 2.15.C., as established in the Title V Operating Permit (TVOP) issued July 2, 2018, and modified April 19, 2021 (MACT Avoidance Limit)	3.B.3	HAP	≤ 9.0 TPY of any individual HAP and ≤ 24.0 TPY of total combined HAP
	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.B.4	PM (filterable)	$E = 4.1 * p^{0.67}$ not to exceed 16.6 lbs/hr and 72.8 TPY
Fuel Burning Equipment Requirements				
AA-001 AA-002	40 CFR 60, Subpart Dc Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units 40 CFR 60.40c(a), Subpart Dc	3.B.5	PM SO ₂	Applicability
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), and R. 2.15.C., as established in the TVOP issued July 2, 2018, and modified April 19, 2021	3.B.6	Fuel Restriction	Combust natural gas only
	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).	3.B.7	PM (filterable)	$E = 0.8808 * T^{-0.1667}$
	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.B.8	SO ₂	4.8 lbs/MMBTU

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
AA-003 AA-005 AA-006	40 CFR 63, Subpart ZZZZ NESHAP for Reciprocating Internal Combustion Engines 40 CFR 63.6580, 63.6585(a) and (c), and 63.6590(a)(2)(iii) and (c)(1), Subpart ZZZZ	3.B.9	HAP	Applicability
AA-003 AA-005 AA-006	40 CFR 60, Subpart IIII Standards of Performance for Stationary Compression Ignition Internal Combustion Engines 40 CFR 60.4200(a)(2), Subpart IIII	3.B.10	NMHC+NO _x CO PM (filterable) SO ₂	Applicability
	40 CFR 60.4205 and 60.4206, Subpart IIII	3.B.11	NMHC+NO _x CO PM (filterable)	Emission standards for new engines (see condition for specific emission standards)
	40 CFR 60.4207(b), Subpart IIII and 40 CFR 1090.305, Subpart D	3.B.12	SO ₂ (Diesel fuel requirements)	Sulfur content of 15 ppm max AND Minimum cetane index of 40 OR maximum aromatic content of 35 volume percent
	40 CFR 60.4209(a) and 60.4211(a)(1)-(3) and (c), Subpart IIII	3.B.13	NMHC+NO _x CO PM (filterable)	Certified engine requirements, install hour meter
	40 CFR 60.4211(f)(1), (2)(i), and (3), Subpart IIII	3.B.14		Operating requirements
AA-003 AA-005 AA-006	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.B.15	PM (filterable)	0.6 lbs/MMBtu
Uploading, Transfer, and Storage				
AB-100 AC-100 AD-100 AE-100	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), as established in the federally enforceable Permit to Construct issued June 6, 2014, and modified September 30, 2016	3.B.16	PM (filterable) Operating Requirement	Operate control equipment at all times process is operating
Dry Chemical Weighing and Handling				
AG-100 AH-100	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), as established in the federally enforceable Permit to Construct issued June 6, 2014, and modified September 30, 2016	3.B.16	PM (filterable) Operating Requirement	Operate control equipment at all times process is operating
AI-100		3.B.17		
Tire Preparation				
AJ-100	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), as established in the federally enforceable Permit to Construct issued June 6, 2014, and modified September 30, 2016	3.B.17	PM (filterable) Operating Requirement	Operate control equipment at all times process is operating

- 3.B.1 The permittee shall not process more than 141,649,200 pounds per year (lbs/yr) of total rubber, determined on a rolling 12-month total basis.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the federally enforceable Permit to Construct issued June 6, 2014, and modified September 30, 2016)

- 3.B.2 The permittee shall be limited to no more than 249 tons per year (TPY) of volatile organic compounds (VOC) emissions from all point sources at the facility determined on a rolling 12-month total basis.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the federally enforceable Permit to Construct issued June 6, 2014, and modified September 30, 2016 [PSD Avoidance Limit])

- 3.B.3 The permittee shall be limited such that hazardous air pollutant (HAP) emissions shall not exceed more than 9.0 TPY of any individual HAP or 24.0 TPY of a combination of all HAP. Compliance with the annual limit shall be determined monthly on a rolling 12-month total basis.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the federally enforceable Permit to Construct issued June 6, 2014, and modified September 30, 2016, and later modified under 11 Miss. Admin. Code Pt. 2, R. 2.15.C., as established in the Title V Operating Permit issued April 19, 2021 [MACT Avoidance Limit])

- 3.B.4 The permittee shall not cause, permit, or allow the emission of particulate matter (PM) in total quantities in any one hour from any manufacturing process which includes any associated stacks, vents, outlets, or combination thereof, to exceed the amount determined by the following relationship

$$E = 4.1 * p^{0.67}$$

where E is the emission rate in pounds per hour (lbs/hr) and p is the process weight input rate in tons per hour. For purposes of this permit, the process weight input shall not exceed 8.1 tons per hour (based on total reported rubber throughput in lbs/year) which equates to 16.6 pounds per hour (lbs/hr) and 72.8 tons per year (TPY).

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

- 3.B.5 Emission Points AA-001 and AA-002 are subject to and shall comply with the applicable requirements of the Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60, Subpart Dc and the application General Provisions found in 40 CFR 60, Subpart A. Since the units are fired with natural gas, there are no applicable PM or sulfur dioxide (SO₂) emission standards.

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

- 3.B.6 For Emission Points AA-001 and AA-002, the permittee shall be limited to combusting natural gas only.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B.(10). and R. 2.15.C., as established in the TVOP issued July 2, 2018, and modified April 19, 2021)

- 3.B.7 For Emission Points AA-001 and AA-002, the permittee shall not cause, permit, or allow the emission of ash and/or particulate matter from fossil fuel burning installations of greater than 10 million BTU per hour heat input to exceed an emission rate as determined by the relationship

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

where E is the emission rate in pounds per million BTU per hour heat input and I is the heat input in millions of BTU per hour.

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

- 3.B.8 For Emission Points AA-001 and AA-002, the maximum discharge of sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input.

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

- 3.B.9 Emission Points AA-003, AA-005, and AA-006 are subject to and shall comply with the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (RICE), 40 CFR 63, Subpart ZZZZ and the applicable General Provisions found in 40 CFR 63, Subpart A as identified in Table 8 of Subpart ZZZZ.

For purposes of this subpart, these engines are considered new, emergency, compression ignition (CI) stationary RICE engines located at an area source of HAP emissions. As such, the permittee shall comply with Subpart ZZZZ by complying with the applicable requirements of the Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, 40 CFR 60, Subpart IIII.

(Ref.: 40 CFR 63.6580, 63.6585(a) and (c), and 63.6590(a)(2)(iii) and (c)(1), Subpart ZZZZ)

- 3.B.10 Emission Points AA-003, AA-005, and AA-006 are subject to and shall comply with the applicable requirements of the Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, 40 CFR 60, Subpart IIII and the General Provisions, 40 CFR 60, Subpart A as identified in Table 8 of Subpart IIII.

(Ref.: 40 CFR 60.4200(a)(2), Subpart III)

- 3.B.11 For Emission Points AA-003, AA-005, and AA-006, the permittee shall operate and maintain each engine such that they achieve the applicable emission standards as listed below for the life of each engine.

AA-003 (Table 4 of Subpart III)

- (a) $\text{NMHC} + \text{NO}_x \leq 4.0 \text{ g/kW-hr}$ (3.0 g/HP-hr)
- (b) $\text{CO} \leq 3.5 \text{ g/kW-hr}$ (2.6 g/HP-hr)
- (c) $\text{PM} \leq 0.2 \text{ g/kW-hr}$ (0.15 g/HP-hr)

AA-005 (Table 2 of Subpart III)

- (a) $\text{NMHC} + \text{NO}_x \leq 7.5 \text{ g/kW-hr}$ (5.6 g/HP-hr)
- (b) $\text{CO} \leq 5.5 \text{ g/kW-hr}$ (4.1 g/HP-hr)
- (c) $\text{PM} \leq 0.3 \text{ g/kW-hr}$ (0.22 g/HP-hr)

AA-006 (Table 3 of 40 CFR 1039, Appendix I)

- (a) $\text{NMHC} + \text{NO}_x \leq 4.0 \text{ g/kW-hr}$
- (b) $\text{CO} \leq 3.5 \text{ g/kW-hr}$
- (c) $\text{PM} \leq 0.2 \text{ g/kW-hr}$

(Ref.: 40 CFR 60.4205 and 60.4206, Subpart III)

- 3.B.12 For Emission Points AA-003, AA-005, and AA-006, the permittee shall use diesel fuel that meets the following per gallon standards:

- (a) Maximum sulfur content of 15 ppm, **AND**
- (b) Minimum cetane index of 40 OR maximum aromatic content of 35 volume percent.

(Ref.: 40 CFR 60.4207(b), Subpart III and 40 CFR 1090.305, Subpart D)

- 3.B.13 For Emission Points AA-003, AA-005, and AA-006, the permittee shall comply with the applicable emission standards by purchasing, installing, operating, and maintaining engines certified to meet the emission standards and by installing a non-resettable hour meter on each engine, if one is not already installed. The permittee shall operate and maintain the engines in accordance with the manufacturer's emission-related written instructions, only change the emission-related settings that are permitted by the manufacturer, and meet the requirements of 40 CFR 1068, as applicable.

(Ref.: 40 CFR 60.4209(a) and 60.4211(a)(1)-(3) and (c), Subpart III)

- 3.B.14 Emission Points AA-003, AA-005, and AA-006 shall be considered emergency stationary RICE under Subpart III provided the engines only operate in an emergency, during maintenance and testing, and during non-emergency situations as described in (c) below. If the permittee does not operate an engine in accordance with the requirements in (a)-(c) below, the engine will not be considered an emergency engine under Subpart III, and it must then meet all applicable requirements for non-emergency engines.
- (a) There is no limit on the use of an engine during an emergency situation.
 - (b) The permittee may operate an engine for maintenance checks and readiness testing for a maximum of 100 hours per calendar year provided the tests are recommended by federal, state, or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or insurance company associated with the engine. The permittee may petition the DEQ for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating the federal, state, or local standards require maintenance testing of the engine beyond 100 hours per calendar year.
 - (c) An emergency engine 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 provided in paragraph (b). Except as provided in 40 CFR 60.4211(f)(3)(i), the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(Ref.: 40 CFR 60.4211(f)(1), (2)(i), and (3), Subpart III)

- 3.B.15 For Emission Points AA-003, AA-005, and AA-006, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input.

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

- 3.B.16 For Emission Points AB-100, AC-100, AD-100, AE-100, AG-100, and AH-100, the permittee shall maintain and operate the bin vent filters such that they are operating at all times the associated process is operating. In the event a bin vent filters malfunctions, the associated process shall be shut down until such time the bin vent filters return to normal operation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the federally enforceable Permit to Construct issued June 6, 2014, and modified September 30, 2016)

- 3.B.17 For Emission Point AI-100 and AJ-100, the permittee shall maintain and operate the baghouses such that they are operating at all times the associated process is operating. In

the event a baghouse malfunctions, the associated process shall be shut down until such time the baghouse returns to normal operation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the federally enforceable Permit to Construct issued June 6, 2014, and modified September 30, 2016)

C. Insignificant and Trivial Activity Emission Limitations & Standards

There are no other requirements applicable to the insignificant activities listed in the source's Title V permit application.

SECTION 4. COMPLIANCE SCHEDULE

- 4.1 Unless otherwise specified herein, the permittee shall be in compliance with all requirements contained herein upon issuance of this permit.
- 4.2 Except as otherwise specified herein, the permittee shall submit to the Permit Board and to the Administrator of EPA Region IV a certification of compliance with permit terms and conditions, including emission limitations, standards, or work practices, by January 31 for the preceding calendar year. If the permit was reissued or modified during the course of the preceding calendar year, the compliance certification shall address each version of the permit. Each compliance certification shall include the following:
- (a) the identification of each term or condition of the permit that is the basis of the certification;
 - (b) the compliance status;
 - (c) whether compliance was continuous or intermittent;
 - (d) the method(s) used for determining the compliance status of the source, currently and over the applicable reporting period;
 - (e) such other facts as may be specified as pertinent in specific conditions elsewhere in this permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.C(5)(a), (c), & (d).)

SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

A. General Monitoring, Recordkeeping and Reporting Requirements

5.A.1 The permittee shall install, maintain, and operate equipment and/or institute procedures as necessary to perform the monitoring and recordkeeping specified below.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.A.2 In addition to the recordkeeping specified below, the permittee shall include with all records of required monitoring information the following:

- (a) the date, place as defined in the permit, and time of sampling or measurements;
- (b) the date(s) 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.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(1).)

5.A.3 Except where a longer duration is specified in an applicable requirement, 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 strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(2).)

5.A.4 Except as otherwise specified herein, 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. For applicable periodic reporting requirements in 40 CFR Parts 60, 61, and 63, the permittee shall comply with the deadlines in this condition for reporting conducted on a semiannual basis. Additionally, any required quarterly reports shall be submitted by the end of the month following each calendar quarter (i.e., April 30th, July

31st, October 31st, and January 31st), and any required annual reports shall be submitted by January 31st following each calendar year.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1)., 40 CFR 60.19(c), 61.10(g), and 63.10(a)(5))

- 5.A.5 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. 6.3.A(3)(c)(2).)

- 5.A.6 Except as otherwise specified herein, the permittee shall perform emissions sampling and analysis in accordance with EPA Test Methods and with any continuous emission monitoring requirements, if applicable. All test methods shall be those versions or their equivalents approved by the DEQ and the EPA.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

- 5.A.7 The permittee shall maintain records of any alterations, additions, or changes in equipment or operation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

- 5.A.8 Unless otherwise specified in Section 4, upon permit issuance, the monitoring, testing, recordkeeping, and reporting requirements of Section 5 herein supersede the requirements of any preceding permit to construct and/or operate.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

B. Specific Monitoring and Recordkeeping Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
<i>Facility-wide Requirements</i>				
Facility-wide	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)	5.B.1	Rubber Processed	Monitor and record amount of rubber used on a monthly basis and on a rolling 12-month total
		5.B.2	VOC	Calculate and maintain monthly and rolling 12-month total emissions records
		5.B.3	HAP	Calculate and maintain monthly and rolling 12-month total emissions records
<i>Fuel Burning Equipment</i>				
AA-001 AA-002	40 CFR 60.48c(g)(2), Subpart Dc	5.B.4	Fuel Usage	Monitor and record monthly fuel usage
AA-003 AA-005 AA-006	40 CFR 60.4214(b), Subpart IIII	5.B.5	NMHC + NO _x , PM (filterable) CO	Install non-resettable hour meter and record hours of operation
<i>Uploading, Transfer, and Storage</i>				
AB-100 AC-100 AD-100 AE-100	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)	5.B.6	PM (filterable)	Monitor PM emissions using bag leak detection system
<i>Dry Chemical Weighing and Handling</i>				
AG-100 AH-100	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)	5.B.6	PM (filterable)	Monitor PM emissions using bag leak detection system
AI-100		5.B.7		
<i>Tire Preparation</i>				
AJ-100	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)	5.B.7	PM (filterable)	Monitor PM emissions using bag leak detection system

5.B.1 The permittee shall monitor and record the total amount of rubber introduced into the mixing process on a monthly basis and calculate the total rolling 12-month total in lbs/year.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.B.2 The permittee shall keep records of all VOC containing materials and fuels used each month and calculate VOC emissions in tons/month and in tons per year (TPY) for each rolling 12-month period. The permittee shall keep records documenting the calculations and methods used to quantify VOC emissions and a copy of the SDS for each VOC-containing material used at the facility.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.B.3 The permittee shall keep records of all HAP containing materials and fuels used each month and calculate HAP emissions in tons/month and in TPY for each rolling 12-month period. The permittee shall keep records documenting the calculations and methods used to quantify HAP emissions and a copy of the SDS for each HAP-containing material used at the facility.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.B.4 For Emission Points AA-001 and AA-002, the permittee shall record and maintain records of the amount of fuel combusted during each calendar month.

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

5.B.5 For Emission Points AA-003, AA-005, and AA-006, the permittee shall keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner shall record the time of operation of the engine and the reason the engine was in operation during that time.

(Ref.: 40 CFR 60.4214(b), Subpart IIII)

5.B.6 For Emission Points AB-100, AC-100, AD-100, AE-100, AG-100, and AH-100, the permittee shall use a bag leak detection system to continuously monitor PM emissions from each bin vent filter while materials are being loaded or transferred. The permittee shall record the time and duration of any excess emissions, monitor malfunction, or downtime for each emission point ID and the specific equipment ID. The permittee shall also record any corrective measures taken to minimize emissions or to return equipment back to normal operation. Maintenance and quality assurance/quality control measures shall be conducted in accordance with the manufacturer's specifications and records of such activities shall be kept.

(11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.B.7 For Emission Points AI-100, the permittee shall use a bag leak detection system to continuously monitor PM emissions from each baghouse while materials are being loaded or transferred. For Emission Point AJ-100 the permittee shall use a bag leak detection system to continuously monitor PM emissions from each baghouse while mixers are in operation. The permittee shall record the time and duration of any excess emissions,

monitor malfunction, or downtime for each emission point ID and the specific equipment ID. The permittee shall also record any corrective measures taken to minimize emissions or to return equipment back to normal operation. Maintenance and quality assurance/quality control measures shall be conducted in accordance with the manufacturer’s specifications and records of such activities shall be kept.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

C. Specific Reporting Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
Facility-wide	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.1	Rubber Processed	Semiannual throughput report
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.2	VOC HAP	Semiannual emissions report
AA-001 AA-002	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.3	Fuel Usage	Semiannual usage report
AA-003 AA-005 AA-006	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.4	Hours of Operation	Semiannual report
AB-100 AC-100 AD-100 AE-100 AG-100 AH-100 AI-100 AJ-100	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.5	PM (filterable)	Semiannual reports

5.C.1 The permittee shall submit a semiannual report in accordance with Condition 5.A.4 containing a summary of the total amount of rubber that was processed in lbs/year for each rolling 12-month period that occurred in the reporting period.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.C.2 The permittee shall submit a semiannual report in accordance with Condition 5.A.4 containing a summary of the VOC and HAP emissions in TPY that were calculated for each rolling 12-month period that occurred in the reporting period.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.C.3 For Emission Points AA-001 and AA-002, the permittee shall submit a semiannual report

in accordance with Condition 5.A.4 summarizing the type and quantity of fuel combusted during the reporting period.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

- 5.C.4 For Emission Points AA-003, AA-005, and AA-006, the permittee shall submit a semiannual report in accordance with Condition 5.A.4 summarizing the hours of operation for each engine that occurred during the reporting period. This report shall specify what hours were for emergency use and what constituted the emergency and what hours were for non-emergency use.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

- 5.C.5 For Emission Points AB-100, AC-100, AD-100, AE-100, AG-100, AH-100, AI-100, and AJ-100, the permittee shall submit a semiannual report in accordance with Condition 5.A.4 containing a summary of any corrective actions or maintenance activities that were taken on a bin vent filter, baghouse, or bag leak detection system during the reporting period.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

SECTION 6. ALTERNATIVE OPERATING SCENARIOS

6.1 None permitted.

SECTION 7. TITLE VI REQUIREMENTS

The following are applicable or potentially applicable requirements originating from Title VI of the Clean Air Act – Stratospheric Ozone Protection. The full text of the referenced regulations may be found on-line at <http://www.ecfr.gov/> under Title 40, or DEQ shall provide a copy upon request from the permittee.

- 7.1 If the permittee produces, transforms, destroys, imports or exports a controlled substance or imports or exports a controlled product, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart A – Production and Consumption Controls.
- 7.2 If the permittee performs service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart B – Servicing of Motor Vehicle Air Conditioners.
- 7.3 The permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart E – The Labeling of Products Using Ozone-Depleting Substances, for the following containers and products:
 - (a) All containers in which a class I or class II substance is stored or transported;
 - (b) All products containing a class I substance; and
 - (c) All products directly manufactured with a process that uses a class I substance, unless otherwise exempted by this subpart or, unless EPA determines for a particular product that there are no substitute products or manufacturing processes for such product that do not rely on the use of a class I substance, that reduce overall risk to human health and the environment, and that are currently or potentially available. If the EPA makes such a determination for a particular product, then the requirements of this subpart are effective for such product no later than January 1, 2015.
- 7.4 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart F – Recycling and Emissions Reduction:
 - (a) Servicing, maintaining, or repairing appliances containing class I, class II or non-exempt substitute refrigerants;
 - (b) Disposing of appliances, including small appliances and motor vehicle air conditioners; or
 - (c) Refrigerant reclaimers, technician certifying programs, appliance owners and operators, manufacturers of appliances, manufacturers of recycling and recovery equipment, approved recycling and recovery equipment testing organizations, as well as persons selling, offering for sale, and/or purchasing class I, class II, or non-exempt substitute refrigerants.

- 7.5 The permittee shall be allowed to switch from any ozone-depleting substance to any acceptable alternative that is listed in the Significant New Alternatives Policy (SNAP) program promulgated pursuant to 40 CFR Part 82, Subpart G – Significant New Alternatives Policy Program. The permittee shall also comply with any use conditions for the acceptable alternative substance.
- 7.6 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart H – Halon Emissions Reduction:
- (a) Any person testing, servicing, maintaining, repairing, or disposing of equipment that contains halons or using such equipment during technician training;
 - (b) Any person disposing of halons;
 - (c) Manufacturers of halon blends; or
 - (d) Organizations that employ technicians who service halon-containing equipment.

APPENDIX A

List of Abbreviations Used In This Permit

BACT	Best Available Control Technology
CEM	Continuous Emission Monitor
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COM	Continuous Opacity Monitor
COMS	Continuous Opacity Monitoring System
DEQ	Mississippi Department of Environmental Quality
EPA	United States Environmental Protection Agency
gr/dscf	Grains Per Dry Standard Cubic Foot
HP	Horsepower
HAP	Hazardous Air Pollutant
lb/hr	Pounds per Hour
M or K	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBTUH	Million British Thermal Units per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emissions Standards for Hazardous Air Pollutants, 40 CFR 61, or National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63
NMVOC	Non-Methane Volatile Organic Compounds
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM ₁₀	Particulate Matter less than 10 µm in diameter
PM _{2.5}	Particulate Matter less than 2.5 µm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
SSM	Startup, Shutdown, and Malfunction
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOHAP	Volatile Organic Hazardous Air Pollutant
VOC	Volatile Organic Compound

APPENDIX B

List of Regulations Referenced In This Permit

11 Miss. Admin. Code, Part 2, Ch. 1. – Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants (Amended November 10, 2016)

11 Miss. Admin. Code, Part 2, Ch. 2. – Permit Regulations for the Construction and/or Operation of Air Emissions Equipment (Amended July 28, 2005)

11 Miss. Admin. Code, Part 2, Ch. 6. – Air Emission Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act (Amended June 28, 2012)

40 CFR 82, Protection of Stratospheric Ozone

40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units

40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

40 CFR 63, Subpart ZZZZ, NESHAP for Stationary Reciprocating Internal Combustion Engines