STATE OF MISSISSIPPI
AIR POLLUTION CONTROL
TITLE V PERMIT

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Atlas Roofing Corporation
2322 Valley Road
Meridian, Mississippi
Lauderdale 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: _____

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

_____

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Expires:[Date not to exceed 5 years from issuance] **Permit No.: 1460-00003**

Draft/Proposed

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APPENDIX A LIST OF ABBREVIATIONS USED IN THIS PERMIT

DOCUMENTS REFERENCED IN THIS PERMIT

40 CFR 60, SUBPART UU – NEW SOURCE PERFORMANCE STANDARDS FOR ASPHALT PROCESSING AND ASPHALT ROOFING MANUFACTURE

40 CFR 63, SUBPART AAAAAAA – NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR AREA SOURCES: ASPHALT PROCESSING AND ASPHALT ROOFING MANUFACTURING

40 CFR 60, SUPBART Dc – NEW SOURCE PERFORMANCE STANDARDS FOR SMALL INDUSTRIAL-COMMERCIAL-INSTITUTIONAL STEAM GENERATING UNITS

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 air fields, 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
Felt Mill Plant	
AA-001	13 MMBtu/hr natural gas Honeycomb dryer
AA-002a	30.26 MMBtu/hr natural gas-fired Johnston Boiler #1
AA-002b	30.26 MMBtu/hr natural gas-fired Johnston Boiler #2
AA-004	Waste paper and fiberglass unloading and conveying (hydra pulp table)
AA-005	Waste paper and fiberglass storage
AA-006	Felt mill building which includes the waste paper hydra-pulper, the roll winder, screen tank, machine chest, dump tanks and wet end processing (wet-end mix tank, wet-end additives, sheet layout, repulper pit)
AA-007	Felt mill drying evaporation vent #1
AA-008	Felt mill drying evaporation vent #2
AA-009	Felt mill drying evaporation vent #3
Roofing Plant	
AA-013	Roofing mill building which includes: roofing line coating section with CECO mist eliminator, shingle cooling area, shingle/roll cutting, shingle printing, shingle wrapping/palletizing, granule application, and the inline laminator
AA-014	Backing material use bin with a baghouse
AA-015	40,000-gallon coating tank with CECO mist eliminator
AA-016	40,000-gallon coating asphalt tank with CECO mist eliminator
AA-017	40,000-gallon coating asphalt tank with CECO mist eliminator
AA-018	12,000-gallon laminate adhesive asphalt tank 1 (storage tank) with CECO mist eliminator
AA-019	Limestone filler railcar unloading with two baghouses
AA-020	Limestone filler conveyance/heating/mixing bin
AA-021	Granule rail/truck unloading
AA-022	Back surfacing material bin rail/truck unloading with a baghouse

Emission Point	Description
AA-023	Asphalt truck and rail unloading
AA-050	10,000-gallon laminate adhesive asphalt tank 2 (run tank)
AA-051	10,000-gallon seal down asphalt tank
Coated Plant	
AA-024	Coated plant filler silo No. 1 with a baghouse
AA-025	Coated plant filler silo No. 2 with a baghouse
AA-026	Coated plant filler receiving bin No. 1 with a baghouse
AA-027	Coated plant filler receiving bin No. 2 with a baghouse
AA-028	25,000-gallon coated plant SBR latex tank No. 1
AA-030	10,000-gallon coated plant dispersant tank
AA-031	35,000-gallon coated plant recycle tank No. 1
AA-032	19,850-gallon coated plant recycle tank No. 2
AA-033	6,000-gallon coated plant dye tank
AA-034	15,000-gallon coated plant acrylic latex tank
AA-035	1,000-gallon coated plant weigh tank No. 1 with baghouse
AA-036	1,000-gallon coated plant weigh tank No. 2 with baghouse
AA-038	2,000-gallon coated plant bulk use tank No. 1
AA-039	2,000-gallon coated plant bulk use tank No. 2
AA-041	500 gallon coated plant coating line use tank No. 1
AA-042	500 gallon coated plant coating line use tank No. 2
AA-043	Coated plant coating line No. 1
AA-044	Coated plant coating line No. 2

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 Paragraph 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.)

B. Emission Point Specific Emission Limitations & Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
Facility-Wide	Title V Operating Permit issued February 23, 2003.	3.B.1	PM	218 tpy (PSD Avoidance Limit)
	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.B.2		$E = 4.1p^{0.67}$
AA-001 AA-002a AA-002b	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).	3.B.3		$E = 0.8808*(I)^{-0.1667}$
	11 Miss Admin Code Pt.2, R.6.3.A(1).	3.B.4	Fuel Usage	Natural gas only
AA-002a AA-002b	40 CFR 60, Subpart Dc – New Source Performance Standards for Small Industrial-Commercial-Institutional Steam Generating Units 40 CFR 60.40c(a), Subpart Dc.	3.B.5	Applicability	
AA-013	11 Miss. Admin. Code Pt. 2, R. 1.4.B(1).	3.B.6	SO_2	2000 ppm
	40 CFR 63, Subpart AAAAAAA – National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing 40 CFR 63.11559, Subpart AAAAAAA.	3.B.7	Applicability	
	40 CFR 63.11561(b), Subpart AAAAAAA.	3.B.8	PM	0.06 lb/ton of asphalt roofing product manufactured
	40 CFR 63.11563(a), Subpart AAAAAAA.	3.B.9	Inlet Temperature	< 150°F
			Pressure Drop	4-6 inches of water

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-014 AA-015 AA-016 AA-017 AA-018 AA-019 AA-020 AA-021 AA-022 AA-050 AA-051	40 CFR 60, Subpart UU – New Source Performance Standards for Asphalt Processing and Asphalt Roofing Manufacture 40 CFR 60.470, Subpart UU.	3.B.10	Applicability	
AA-015 AA-016 AA-017 AA-018 AA-050 AA-051	40 CFR 60.472(c), Subpart UU.	3.B.11	Opacity	0%
AA-014 AA-019 AA-020 AA-021 AA-022	40 CFR 60.472(d), Subpart UU.	3.B.12	Opacity	1%

3.B.1 For the entire facility, the permittee shall limit particulate matter emissions to 218 tons per year, calculated monthly on a 12-month rolling total basis. This is a PSD avoidance limit.

(Ref.: Title V Operating Permit issued February 23, 2003 and modified herein)

3.B.2 For the entire facility, the permittee shall not cause, permit, or allow the emission of particulate matter 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 relationship

$E = 4.1p^{0.67}$

where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour.

Conveyor discharge of coarse solid matter may be allowed if no nuisance is created beyond the property boundary where the discharge occurs.

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

3.B.3 For Emission Points AA-001, AA-002a, and AA-002b, the permittee shall not exceed a particulate matter 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.4 The permittee shall only use natural gas as fuel for Emission Points AA-001, AA-002a, and AA-002b.

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

3.B.5 For Emission Points AA-002a and AA-002b, the permittee is subject to and shall comply with 40 CFR 60, Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.

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

3.B.6 Emission Point AA-013 shall not cause the emission of gas containing sulfur oxides (measured as sulfur dioxide) in excess of 2,000 ppm (volume) from any existing process equipment.

(11 Miss. Admin. Code Pt. 2, R. 1.4.B(1).)

3.B.7 For Emission Point AA-013, specifically the roofing line coating section, the permittee is subject to and shall comply with 40 CFR 63, Subpart AAAAAAA – National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing.

(40 CFR 63.11559(a) and (b)(2), Subpart AAAAAAA.)

3.B.8 For Emission Point AA-013, specifically the roofing line coating section with CECO mist eliminator, the permittee shall limit particulate matter emissions to 0.06 lb/ton of asphalt roofing product manufactured.

(Ref.: 40 CFR 63.11561(b) and Table 2, Subpart AAAAAAA.)

3.B.9 For Emission Point AA-013, specifically the roofing line coating section with CECO mist eliminator, the permittee shall maintain the following operating parameters for the control device:

(a) Inlet temperature: <150°F

(b) Pressure drop: 4 to 6 inches of water

(Ref.: 40 CFR 60.11563(a), Subpart AAAAAAA.)

3.B.10 For Emission Points AA-014, AA-015, AA-016, AA-017, AA-018, AA-019, AA-020, AA-021, AA-021, AA-050, and AA-051 (asphalt storage tanks and mineral handling and storage), the permittee is subject to and shall comply with 40 CFR 60, Subpart UU – New Source Performance Standards for Asphalt Processing and Asphalt Roofing Manufacture.

(Ref.: 40 CFR 60.470, Subpart UU.)

3.B.11 For Emission Points AA-015, AA-016, AA-017, AA-018, AA-050, and AA-051, the permittee shall not discharge into the atmosphere from any asphalt storage tank exhaust gases with the opacity greater than 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. The control device shall not be bypassed during this 15-minute period.

(Ref.: 40 CFR 60.472(c), Subpart UU.)

3.B.12 For Emission Points AA-014, AA-019, AA-020, AA-021, AA-022 the permittee shall not discharge into the atmosphere, from any mineral handling and storage facility, emissions with opacity greater than 1 percent.

(Ref.: 40 CFR 60.472(d), Subpart UU.)

C. Insignificant and Trivial Activity Emission Limitations & Standards

Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.C.1	PM	0.6 lbs/MMBTU
11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.C.2	SO_2	4.8 lbs/MMBTU

3.C.1 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.C.2 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).)

D. Work Practice Standards

3.D.1 None.

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. 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.

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

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) 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).)

B. Specific Monitoring and Recordkeeping Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AA-001 AA-002a AA-002b	11 Miss Admin Code Pt.2, R.6.3.A(3).	5.B.1	Fuel usage	Maintain monthly records of quantity used
AA-014 AA-015 AA-016 AA-017 AA-018 AA-019 AA-020 AA-021 AA-022 AA-050 AA-051	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.2	Opacity	VEE Requirements
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.3	PM	Maintain records of production rates, material throughputs and emission rates

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AA-013	40 CFR 63, Subpart AAAAAAA – National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing 40 CFR 63.11563(b), Subpart AAAAAAA.	5.B.4	Site-Specific Monitoring Plan Requirements	
	40 CFR 63.11563(j) and (k), Subpart AAAAAAA	5.B.5		
	40 CFR 63.11563(n), Subpart AAAAAAA.	5.B.6	Operate and maintain the roofing line coating section, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions	
	40 CFR 63.11563(c), Subpart AAAAAAA.	5.B.7	CPMS installation, operation, and maintenance requirements	
	40 CFR 63.11563(d), Subpart AAAAAA.	5.B.8	Temperature monitoring device requirements	
	40 CFR 63.11563(e), Subpart AAAAAAA.	5.B.9	Pressure monitoring device requirements	
	40 CFR 63.11564(c), Subpart AAAAAAA.	5.B.10	Recordkeeping requirements	

5.B.1 For Emission Points AA-001, AA-002a, and AA-002b, the permittee shall monitor and maintain monthly records on the quantity of natural gas combusted in the above reference fuel burning equipment.

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

5.B.2 For Emission Points AA-014, AA-015, AA-016, AA-017, AA-018, AA-019, AA-020, AA-021, AA-022, AA-050, and AA-051 (asphalt storage tanks and mineral handling and storage), to demonstrate compliance with the opacity limitations in Conditions 3.B.11 and 3.B.12 of this Permit, the permittee shall have a certified visible emission evaluation (VEE) reader perform daily visible emissions observations for each of the emission points. If any visible emissions are detected, a certified VEE reader shall

perform a VEE using EPA Reference Method 9. If a VEE is performed using EPA Reference 9, then the observation period shall consist of a minimum of eighteen (18) consecutive minutes. However, if the visible emissions after a period of six (6) minutes are determined to be 0% opacity, then the reader can elect to discontinue doing the VEE. If VEE readings cannot be taken using EPA Reference Method 9, the permittee shall note these conditions in the record and provide an explanation of why it was not possible to perform them. Results for each of the observations shall be recorded and kept onsite from the most recent three years for inspection by MDEQ personnel. The records from the remaining two years may be kept offsite and must be made available upon request.

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

5.B.3 The facility wide particulate matter emission limit for the facility is based on production rates and raw material throughputs, as appropriate, for each emission point. Therefore, the permittee shall monitor and record their production rates and raw material throughputs on a daily basis. These records shall be used in conjunction with the appropriate emission factors to calculate actual emissions from each emission point in tons per year on a 12-month rolling total basis. These 12-month rolling total actual emission records shall be maintained on a monthly basis for demonstrating compliance with the PM emission limit in Condition 3.B.1. The permittee shall submit a summary report of the required monitoring in accordance with Condition 5.C.2(a).

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

5.B.4 For Emission Point AA-013, specifically the roofing line coating section with CECO mist eliminator, the permittee shall develop, keep updated, and make available for inspection by MDEQ, upon request, a site-specific monitoring plan for the Continuous Parameter Monitoring System (CPMS) that addresses the following:

(a) Installation of the CPMS Probe or other interface at a measurement location relative to each affected process unit such that the measurement is representative of control of the exhaust emissions (e.g., on or downstream of the last control device);

(b) Performance and equipment specifications for the probe or interface, the pollutant concentration or parametric signal analyzer, and the data collection and reduction system;

(c) Performance evaluation procedures and acceptance criteria (e.g. calibrations).

(d) Ongoing operation and maintenance procedures in accordance with the general

requirements of 40 CFR 60.8(c)(1), (c)(3), (c)(4)(ii), (c)(7), and (c)(8);

(e) Ongoing data quality assurance procedures in accordance with the general requirements of 40 CFR 63.8(d); and

(f) Ongoing recordkeeping and reporting procedures in accordance with the general requirements of 40 CFR 63.10(c), (e)(1), and (e)(2)(i).

(Ref.: 40 CFR 63.11563(b), Subpart AAAAAAA.)

5.B.5 For Emission Point AA-013, specifically the roofing line coating section with CECO mist eliminator, the permittee shall meet the following requirements for the CPMS:

(a) Conduct performance evaluations of each CPMS in accordance with the site-specific monitoring plan.

(b) Operate and maintain the CPMS in continuous operation according to the site-specific monitoring plan.

(Ref.: 40 CFR 63.11563(j) and (k), Subpart AAAAAAA.)

5.B.6 For Emission Point AA-013, the permittee shall, at all times, operate and maintain the roofing line coating section, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by Subpart AAAAAAA have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to MDEQ, which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

(Ref.: 40 CFR 63.11563(n), Subpart AAAAAAA.)

5.B.7 For Emission Point AA-013, specifically the roofing line coating section with CECO mist eliminator, the permittee shall install, operate, and maintain a continuous parameter monitoring system (CPMS) as specified in paragraphs (a) through (c):

(a) The CPMS must complete a minimum of one cycle of operation for each successive 15-minute period.

(b) To determine the 3-hour average, the permittee must:

(1) Have a minimum of four successive cycles of operation to have a valid hour of data.

(2) Have valid data from at least three of four equally spaced data values for that hour from a CPMS that is not out-of-control according to the permittee's site-specific monitoring plan.

(3) Determine the 3-hour average of all recorded readings for each operating day. The permittee must have at least two of the three hourly averages for that period using only hourly average values that are based on valid data (i.e., not from out-of-control periods).

(c) The permittee must record the results of each inspection calibration, and validation check of the CPMS.

(Ref.: 40 CFR 63.11563(c), Subpart AAAAAAA.)

5.B.8 For Emission Point AA-013, specifically the roofing line coating section with CECO mist eliminator, for each temperature monitoring device, you must meet the CPMS requirements in Condition 5.B.6 and the following requirements:

(a) Locate the temperature sensor in a position that provides a representative temperature.

(b) For a noncryogenic temperature range, use a temperature sensor with a minimum measurement sensitivity of 2.8°C or 1.0 percent of the temperature value, whichever is larger.

(c) If a chart recorder is used, the recorder sensitivity in the minor division must be at least 20°F.

(d) Perform an accuracy check at least semiannually or following an operating parameter deviation:

(1) According to the procedures in the manufacturer's documentation; or

(2) By comparing the sensor output to the redundant sensor output; or

(3) By comparing the sensor output to the output from a calibrated temperature measurement device; or

(4) By comparing the sensor output to the output from a temperature

simulator.

(e) Conduct accuracy check any time the sensor exceeds the manufacturer's specified maximum operating temperature range or install a new temperature sensor.

(f) At least quarterly or following an operating parameter deviation, perform visual inspections of components if redundant sensors are not used.

(Ref.: 40 CFR 63.11563(d), Subpart AAAAAA.)

5.B.9 For Emission Point AA-013, specifically the roofing line coating section with CECO mist eliminator, for each pressure monitoring device, you must meet the CPMS requirements of Condition 5.B.6 and the following requirements:

(a) Locate the pressure sensor(s) in, or as close as possible, to a position that provides a representative measurement of the pressure.

(b) Use a gauge with a minimum measurement sensitivity of 0.12 kiloPascals or a transducer with a minimum measurement sensitivity of 5 percent of the pressure range.

(c) Check pressure tap for blockage daily. Perform an accuracy check at least quarterly or following an operating parameter deviation:

(1) According to the manufacturer's procedures; or

(2) By comparing the sensor output to redundant sensor output.

(d) Conduct calibration checks any time the sensor exceeds the manufacturer's specified maximum operating pressure range or install a new pressure sensor.

(e) At least monthly or following an operating parameter deviation, perform a leak check of all components for integrity, all electrical connections for continuity, and all mechanical connections for leakage.

(f) At least quarterly or following an operating parameter deviation, perform visible inspections on all components if redundant sensors are not used.

(Ref.: 40 CFR 63.11563(e), Subpart AAAAAAA.)

5.B.10 For Emission Point AA-013, specifically the roofing line coating section with CECO mist

eliminator, the permittee shall maintain the following records:

(a) A copy of each notification and report that you submitted to comply with Subpart AAAAAAA, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv).

(b) Copies of emission tests used to demonstrate compliance and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).

(c) Documentation that identifies the operating parameters and values specified in Table 4 of Subpart AAAAAAA and that contains the data used to establish the parameter values as specified in Condition 3.B.9.

(d) Copies of the written manufacturer's performance specifications used to establish operating parameter values as specified in 40 CFR 63.11562(b)(3)(iii).

(e) A copy of the site-specific monitoring plan required under Condition 5.B.4.

(f) Records of the operating parameter values required in Table 4 of this subpart to show continuous compliance with each operating limit that applies to you.

(Ref.: 40 CFR 63.11564(c), Subpart AAAAAAA.)

C. Specific Reporting Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Reporting Requirement
AA-013	40 CFR 63, Subpart AAAAAAA – National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing 40 CFR 63.11564(b), Subpart AAAAAAA.	5.C.1	Semiannual Compliance Report Requirements
Entire Facility	11 Miss Admin Code Pt.2, R.6.3.A(3).	5.C.2	Semiannual Monitoring Report Requirements

5.C.1 For Emission Point AA-013, specifically the roofing line coating section with CECO mist eliminator, the permittee shall submit semiannual compliance reports covering the semiannual reporting periods from January 1 through June 30 and July 1 through December 31. The reports must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period. The semiannual reports must contain the following:

(a) Identify the controlled units (i.e. the roofing line coating section).

(b) During periods for which there are no deviations from any emission limitations (emission limit or operating limit) that apply to you, the compliance report must contain the following information:

(1) Company name and address.

(2) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

(3) Date of report and beginning and ending dates of the reporting period.

(4) A statement that there were no deviations from the emission limitations during the reporting period.

(5) If there were no periods during which the CPMS was out-of-control as specified in 40 CFR 63.8(c)(7), a statement that there were no periods during which the CPMS was out-of-control during the reporting period.

(c) For each deviation from an emission limitation (emission limit and operating limit), you must include the following information:

(1) The date and time that each deviation started and stopped.

(2) The date and time that each CPMS was inoperative, except for zero (low-level) and high-level checks.

(3) The date, time and duration that each CPMS was out-of-control, including the information in 40 CFR 63.8(c)(8).

(4) Whether each deviation occurred during a period of startup, shutdown, or malfunction or during another period.

(5) A summary of the total duration of the deviation during the reporting period and the total duration as a percent of the total source operating time during that reporting period.

(6) A breakdown of the total duration of the deviations during the reporting period into those that are due to startup, shutdown, control equipment problems, process problems, other known causes, and other unknown causes.

(7) A summary of the total duration of CPMS downtime during the reporting period and the total duration of CPMS downtime as a percent of the total source operating time during that reporting period.

(8) An identification of each air pollutant that was monitored at the affected source.

(9) A brief description of the process units.

(10) A brief description of the CPMS.

(11) The date of the latest CPMS certification or audit.

(12) A description of any changes in CPMS or controls since the last reporting period.

(Ref.: 40 CFR 63.11564(b), Subpart AAAAAAA.)

5.C.2 For the entire facility, the permittee shall submit semiannual monitoring reports, as required by Condition 5.A.4. In addition to meeting the requirements of Condition 5.A.4, the semiannual monitoring reports shall include the following:

(a) A summary of emissions calculated to demonstrate compliance with the PSD avoidance emission limit in Condition 3.B.1.

(b) A summary of visible emissions evaluations conducted, as required by Condition 5.B.2, during the reporting period.

(c) A summary of any maintenance completed on-site during the reporting period.

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

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 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;

(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

11 Miss. Admin. Code Pt. 2, Ch. 1.	Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants
11 Miss. Admin. Code Pt. 2, Ch. 2.	Permit Regulations for the Construction and/or Operation of Air Emissions Equipment
11 Miss. Admin. Code Pt. 2, Ch. 3.	Regulations for the Prevention of Air Pollution Emergency Episodes
11 Miss. Admin. Code Pt. 2, Ch. 4.	Ambient Air Quality Standards
11 Miss. Admin. Code Pt. 2, Ch. 5.	Regulations for the Prevention of Significant Deterioration of Air Quality
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
11 Miss. Admin. Code Pt. 2, Ch. 7.	Acid Rain Program Permit Regulations for Purposes of Title IV of the Federal Clean Air Act
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
lbs/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
ppm	Parts per Million
PSD	Prevention of Significant Deterioration, 40 CFR 52
SIP	State Implementation Plan
SO_2	Sulfur Dioxide
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOC	Volatile Organic Compound