

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

**TO OPERATE AIR EMISSIONS EQUIPMENT**

**THIS CERTIFIES THAT**

Lighthouse Marble Works Inc  
8212 Woolmarket Road  
Biloxi, Mississippi  
Harrison 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) (i.e., the “Federal Act”) 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.:** 0800-00050

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## SECTION 1. GENERAL CONDITIONS

1.1 The permittee must comply with all conditions of this permit. Any permit non-compliance 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 The 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 following provisions:

(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 three (3) or more years. Such a reopening shall be completed no later than eighteen (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 emissions 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 a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.
- (c) Reopenings shall not be initiated before a notice of such intent is provided to the Title V source by the Department of Environmental Quality (DEQ) at least thirty (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 claimed 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 The 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 fee based on a fee schedule established by the Mississippi Commission on Environmental Quality (i.e., the “Commission”). The fee schedule shall be set each year by order of the Commission in accordance with the procedure outlined in Regulation 11 Miss. Admin. Code Pt. 2, Ch. 6.

- (a) A portion of the fee shall be based on the permittee’s annual quantity of emissions. The permittee shall elect for “actual emissions” 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.
  - (i) “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.

- (ii) “Allowable emissions” are those emissions limited by this permit as well as those emissions not expressly limited by this permit but otherwise allowed by this permit, as represented in the Title V application.
- (iii) Notwithstanding paragraphs (i) and (ii), a minimum annual fee shall be assessed in accordance with the fee schedule established by the Commission when calculating this portion of the fee.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.B(1).)

- (b) A portion of the fee shall be based on the complexity of this permit, as determined by the number of air regulations applicable to the permittee on the date of the fee calculation in accordance with the fee schedule established by the Commission. Only air regulations required to be addressed by this permit may be included in the annual fee schedule.

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

- (c) By July 1 of each year, the permittee shall submit a completed annual fee reporting form to the DEQ accompanied by all necessary calculations and supporting information to verify actual emissions. If the annual fee reporting form is not filled out completely and accurately or certified in accordance with Regulation 11 Miss. Admin. Code Pt. 2, R. 6.2.E., “allowable emissions” or other information necessary to determine the appropriate annual fee shall be used in the fee calculation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.B(3)(c).)

- (d) If the Commission determines that there is not sufficient information available to the permittee to accurately complete and submit the annual fee reporting form by July 1, but such information becomes available and is submitted to the DEQ after July 1, the fee calculation and assessment may be altered according to the annual fee schedule. No fee actually paid to the DEQ shall be refunded due to a change in the fee calculation.

If a fee is recalculated such that the amount assessed for an annual period is reduced and the permittee has already paid all or a portion of the fee, the revised fee

assessment may not be reduced to an amount less than what the permittee has already paid regardless of the results of the recalculation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.B(3)(d).)

- (e) The fee shall be due September 1 of each year. However, the permittee may elect a quarterly payment method of four (4) equal payments with the payments due September 1, December 1, March 1 and June 1. The permittee shall notify the DEQ that the quarterly payment method will be used by September 1.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.E(1).)

- (f) If at any time within the year the Commission determines that the information submitted by the permittee is insufficient or incorrect, the DEQ will notify the permittee of the deficiencies and the adjusted fee schedule. Past due fees as a result of the adjusted fee assessment will be due at the time of the next scheduled quarterly payment.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.E(1)(b).)

- (g) If an annual fee is not paid within thirty (30) days after the due date, a penalty of ten (10) percent of the amount due shall at once accrue and be added thereto. If the fee is not paid in full (including any interest and penalty within sixty (60) days of the due date), the Permit Board may revoke the permit upon proper notice and hearing as required by law.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.E(1)(a).)

- (h) If the permittee disagrees with the calculation or applicability of an annual 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.D.)

- 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 upon satisfying one of the following conditions:
- (a) Such applicable requirements are included and are specifically identified in the permit; or
  - (b) The Permit Board, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the permittee and the permit includes such determination (or a concise summary thereof).

(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 to register such a plan pursuant to Section 112(r) of the Federal Act.

(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 that is submitted at least six (6) months prior to the date of permit expiration.

If the permittee submits a timely and complete application for permit issuance (including for renewal), the failure to have a Title V permit is not a violation of the applicable 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. 6.2.A(1)(c), R. 6.4.B., and 6.4.C(2).)

1.18 The permittee is authorized to make changes within their facility without requiring a permit revision (Ref.: Section 502(b)(10) of the Federal Act) if the following criteria are met:

- (a) The changes are not modifications under any provision of Title I of the Federal 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 [i.e., at least seven (7) days or such



other time frame as provided in other regulations for emergencies] and the notification includes the following information:

- (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 either the permittee's prepared “Emission Control Action Program(s)” or, in the absence of a prepared Emission Control Action Program, the appropriate requirements and “Emission Reduction Objectives” specified in Regulation 11 Miss. Admin. Code Pt. 2, Ch. 3. – “Regulations for the Prevention of Air Pollution Emergency Episodes” – for the level of emergency declared and the permittee’s source of air contamination.

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

1.20 Except as otherwise provided herein, a modification of the permittee’s facility may require a Permit to Construct in accordance with the provisions specified in Regulation 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 Regulation 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 any physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:

- (a) Routine maintenance, repair, and replacement;
- (b) Use of an alternative fuel or raw material by reason of an order under Sections 2 (a) and (b) of the “Federal Energy Supply and Environmental Coordination Act of 1974” (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the “Federal Power Act”;

- (c) Use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;
- (d) Use of an alternative fuel or raw material by a stationary source which:
  - (1) The source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to Regulation 11 Miss. Admin. Code Pt. 2, Ch. 2. and/or Ch. 5.; or
  - (2) The source is approved to use under any permit issued under Regulation 11 Miss. Admin. Code Pt. 2, Ch. 2. and/or Ch. 5;
- (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 Regulation 11 Miss. Admin. Code Pt. 2, Ch. 2. or Ch. 5.; or
- (f) Any change in ownership of the stationary source.

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

1.21 An administrative permit amendment may be made by the Permit Board authorizing changes in ownership or operational control consistent with the following procedure:

- (a) The Permit Board shall take action within sixty (60) days after receipt of a completed request for a permit transfer, unless a public hearing is scheduled. The Permit Board may incorporate such changes without providing notice to the public or affected State(s) provided that it designates any such permit revision as having been made pursuant to this paragraph.
- (b) A permit transfer shall be approved upon satisfaction of the following:
  - (1) The applicant for transfer approval can demonstrate to the Permit Board it has the financial resources, operational expertise, and environmental compliance history over the last five (5) years to insure compliance with the terms and conditions of the permit to be transferred, except where this conflicts with State Law, and
  - (2) The Permit Board determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the DEQ.

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

- 1.22 This permit is a Federally approved operating permit under Title V of the Federal Act. All terms and conditions in this permit, including any provisions designed to limit the permittee'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 an Emergency Air Pollution Episode Alert imposed by the Executive Director of DEQ; 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 fifty (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 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 five (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 non-compliance, and the corrective actions taken and;
  - (v) That as soon as practicable but no later than twenty-four (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) Start-ups and Shutdowns (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
- (1) Start-ups and shutdowns are part of normal source operation. Emission limitations apply during start-ups and shutdowns unless source specific emission limitations or work practice standards for start-ups 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 Regulation 11 Mississippi Administrative Code, Part 2, Chapter 1, the Department will consider establishing source specific emission limitations or work practice standards for start-ups and shutdowns. Source specific emission limitations or work practice standards established for start-ups 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 start-up or shutdown, see the “Upset” requirements above.

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

- 1.25 The permittee shall comply with all applicable standards for demolition and renovation activities pursuant to the requirements specified in 40 CFR Part 61, Subpart M (National Emission Standard for Asbestos), 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
AA-001	Gel Coat Spray Operation (Ref. EP-1) – Gel coat is sprayed onto open molds using a hand-held spray gun in a spray booth equipped with filters to remove overspray.
AA-002	Main Gel Coat Cure Oven (Ref. EP-2) – Sprayed gel coat molds pass through a 0.2 MMBtu/hr, natural gas-fired cure oven.
AA-003	Marble and Solid Surface Grinding Operations (Ref. MM BH) – Cured solid surface products are sent through a belt sander with emissions controlled by a baghouse that vents inside the building.
AA-005	Grinding, Sawing, and Finishing Operations (Ref. SS BH) – Solidified marble finishing operations include but are not limited to, grinding, sawing, and sanding, with emissions controlled by a baghouse that vents inside the building.
AA-006	Fugitive Emissions from the Main Manufacturing Building – including, but not limited to, main resin mechanical application, mold release, and mold cleaning.
AA-007	Fugitive Emissions from the manual application of Fiberglass Resin

### **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) and (b):

- (a) Start-up operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per start-up in any one hour and not to exceed three (3) start-ups 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 sixty (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 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 Regulation 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 gas-borne 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**

<b>Emission Point(s)</b>	<b>Applicable Requirement</b>	<b>Condition Number</b>	<b>Pollutant / Parameter</b>	<b>Limit / Standard</b>
AA-001 AA-002 AA-006 AA-007	40 CFR 63, Subpart WWWW  (National Emission Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production)  40 CFR 63.5785(a), 63.5790, 63.5795, 63.5925, and Table 15, Subpart WWWW	3.B.1	Organic HAP	Applicability
AA-001 AA-002	40 CFR 63.5805(b), 63.5835(a), 63.5900(c), and Item 6.f of Table 3, Subpart WWWW	3.B.2	Organic HAP	<b>Open molding gel coat</b> Clear Production Gel Coat: 522 lb organic HAP/ton gel
AA-006	40 CFR 63.5805(b), 40 CFR 63.5835(a) and Item 2.a of Table 3, Subpart WWWW			<b>Open molding – non CR/HS:</b> Mechanical Resin Application: 88 lb organic HAP/ton resin
AA-007	40 CFR 63.5805(b), 40 CFR 63.5835(a) and Item 2.c of Table 3, Subpart WWWW			<b>Open molding – non CR/HS:</b> Manual Resin Application: 87 lb organic HAP/ton resin
AA-003 AA-005	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). and Title V Operating Permit issued March 4, 2014	3.B.3	PM (filterable)	Operate baghouses when emissions are vented to them.
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.B.4	PM (filterable)	$E = 4.1p^{0.67}$
AA-002	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.B.5	PM	0.6 lb/MMBTU

3.B.1 For Emission Points AA-001, AA-002, AA-006, and AA-007, the permittee is subject to and shall comply with the requirements of the National Emissions Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production, 40 CFR 63, Subpart WWWW, and the applicable General Provisions of 40 CFR 63, Subpart A listed in Table 15 of Subpart WWWW. For purposes of this subpart, the affected source is considered an existing affected source.

The affected source consists of all parts of the facility engaged in open molding, mixing, cleaning of equipment used in reinforced plastic composites manufacturing, HAP-containing materials storage, and repair operations on parts manufactured by the facility. The affected source does not include the application of mold sealing and release agents; mold stripping and cleaning; repair of parts not manufactured at the facility; personal activities that are not part of the manufacturing operations; prepreg materials as defined



in 40 CFR 63.5935; non-gel coat surface coatings; application of putties, polyputties, and adhesives; repair or production materials that do not contain resin or gel coat.

(Ref.: 40 CFR 63.5785(a), 63.5790, 63.5795, 63.5925 and Table 15, Subpart WWWW)

3.B.2 The permittee shall be in compliance with the emission limits below and the work practice standards listed in Condition 3.D.1 at all times.

- (a) For Emission Point AA-001 and AA-002, the clear production gel coat operations, the organic HAP emissions limit is 522 pounds of organic HAP emitted per ton of gel coat applied, determined on a 12-month rolling average.
- (b) For Emission Point AA-006, the mechanical resin application in the main manufacturing building, the organic HAP emissions limit is 88 pounds of organic HAP emitted per ton of resin applied, determined on a 12-month rolling average.
- (c) For Emission Point AA-007, the manual application of fiberglass resin, the organic HAP emissions limit is 87 pounds of organic HAP emitted per ton of resin applied, determined on a 12-month rolling average.

(Ref.: 40 CFR 63.5805(b), 40 CFR 63.5835(a), 63.5900(c), and Items 2.a, 2.c, and 6.f of Table 3, Subpart WWWW)

3.B.3 For Emission Points AA-004 and AA-005 (Grinding, Sawing, and Finishing Operations), the permittee shall operate and maintain the baghouses at all times when emissions are vented to them.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). and Title V Operating Permit issued March 4, 2014)

3.B.4 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  $E = 4.1 * p^{0.67}$  where  $E$  is the emission rate in pounds per hour and  $p$  is the process weight input rate in tons per hour.

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

3.B.5 The maximum permissible emission of ash and/or particulate matter (PM) from fossil fuel burning installations of less than 10 million BTU (MMBTU) per hour heat input shall not exceed 0.6 pounds per MMBTU per hour heat input.

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

C. INSIGNIFICANT AND TRIVIAL ACTIVITY EMISSION LIMITATIONS & STANDARDS

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

3.C.1 The maximum permissible emission of ash and/or particulate matter (PM) from fossil fuel burning installations of less than 10 million BTU (MMBTU) per hour heat input shall not exceed 0.6 pounds per MMBTU per hour heat input.

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

**D. WORK PRACTICE STANDARDS**

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limit / Standard
AA-001 AA-002 AA-006 AA-007	40 CFR 63.5805(b), 63.5900(c), and Items 2 and 3 of Table 4, Subpart WWWW	3.D.1	HAPs	Subpart WWWW Cleaning and Storage Work Practice Standards
	40 CFR 5805(g), Subpart WWWW	3.D.2		Repair Operations shall meet the requirements of Conditions 3.B.2 and 3.D.1
	40 CFR 5835(c), Subpart WWWW	3.D.3		Operate the affected source according to 40 CFR 63.6(e)(1)(i)

3.D.1 For Emission Points AA-001, AA-002, AA-006, and AA-007, the permittee shall comply with the following work practice standards at all times:

- (a) *Cleaning Operations* – The permittee shall not use cleaning solvents that contain HAPs, except organic HAP containing cleaners may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin.
- (b) *Storage Operations* – The permittee shall keep containers that store HAP-containing materials closed or covered except during the addition or removal of materials. Bulk HAP-containing materials storage tanks may be vented as necessary for safety.

(Ref.: 40 CFR 63.5805(b), 63.5900(c), and Items 2 and 3 of Table 4, Subpart WWWW)

3.D.2 For Emission Points AA-001, AA-002, AA-006, and AA-007, if the permittee has repair operations subject to 40 CFR 63, Subpart WWWW, as defined in 40 CFR 63.5785, these repair operations must meet the requirements in Condition 3.B.2 and 3.D.1.

(Ref.: 40 CFR 63.5805(g), Subpart WWWW)

3.D.3 For Emission Points AA-001, AA-002, AA-006, and AA-007, the permittee shall always operate and maintain the affected source, including air pollution control and monitoring equipment, according to the provisions of 40 CFR 63.6(e)(1)(i).

(Ref.: 40 CFR 60.5835(c), Subpart WWWW)

## **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 terms and conditions contained in this permit (including emission limitations, standards, or work practices) by January 31 of each year 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 information:
- (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), and (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 the following information:

- (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 of each calendar year 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 Regulation 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 period (i.e., April 30, July 31, October 31, and January 31), and any required annual reports shall be submitted by January 31 following each calendar year.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)  
(Ref.: 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. The 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 respective versions (or their equivalents) approved by 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 of this permit, the monitoring, testing, recordkeeping, and reporting requirements specified in Section 5 herein supersede the requirements of any preceding permit to construct and/or operate upon permit issuance.

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

**B. SPECIFIC MONITORING AND RECORDKEEPING REQUIREMENTS**

<b>Emission Point(s)</b>	<b>Applicable Requirement</b>	<b>Condition Number</b>	<b>Pollutant / Parameter Monitored</b>	<b>Monitoring / Recordkeeping Requirement</b>
AA-001 AA-002 AA-006 AA-007	40 CFR 63.6796 and Table 1, Subpart WWWW	5.B.1	Organic HAP	Use equations in Table 1 to calculate organic HAP emission factors.
	40 CFR 63.5810, Subpart WWWW	5.B.2		Methods for meeting open molding standards in Table 3
	40 CFR 63.5895(c) and (d), Subpart WWWW	5.B.3		Monitoring and recordkeeping
	40 CFR 63.5900(a)(2), Subpart WWWW	5.B.4		Continuous compliance with emission factors in Table 3
	40 CFR 63.5900(a)(4), Subpart WWWW	5.B.5		Continuous compliance with work practices standards
	40 CFR 63.5915(a), (c), (d), and 40 CFR 63.5920(a), Subpart WWWW	5.B.6		Monitoring and recordkeeping
	40 CFR 63.5920(b) through (e), Subpart WWWW	5.B.7		Monitoring and recordkeeping
Facility-wide	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(3).	5.B.8	VOC/HAP	Recordkeeping
AA-004 AA-005	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(3).	5.B.9	PM (filterable)	Weekly visual observations
		5.B.10		Weekly inspections

5.B.1 For Emission Points AA-001, AA-002, AA-006, and AA-007, the permittee shall determine compliance with the organic HAP emissions limits in conditions 3.B.2 by using the appropriate equations in Table 1 to Subpart WWWW to calculate the organic HAP emission factors for each open molding operation. Equations have the units of pounds of organic HAP emitted per ton (lb/ton) of resin or gel coat applied.

(Ref.: 40 CFR 63.5796 and Table 1, Subpart WWWW)

5.B.2 For Emission Points AA-001, AA-002, AA-006, and AA-007, the permittee shall use one of the methods in 40 CFR 63.5810(a) through (d), to meet the standards for open molding operations in Condition 3.B.2. The permittee may use any control method that reduces organic HAP emissions, including reducing resin and gel coat organic HAP content, changing to nonatomized mechanical application, using covered curing techniques, and routing part or all of your emissions to an add-on control.

The permittee may use different compliance options for the different operations listed in Table 3 of Subpart WWWW. The necessary calculations must be completed within 30 days after the end of each month. The permittee may switch between the compliance

options in 40 CFR 63.5810(a) through (d). When changing to an option based on a 12-month rolling average, the permittee must base the average on the previous 12 months of data calculated using the compliance option the permittee is changing to, unless the permittee was previously using an option that did not require the permittee to maintain records of resin and gel coat use. In this case, the permittee must immediately begin collecting resin and gel coat use data and demonstrate compliance 12 months after changing options.

(Ref.: 40 CFR 63.5810, Subpart WWWW)

- 5.B.3 For Emission Points AA-001, AA-002, AA-006, and AA-007, the permittee shall collect and keep records of resin and gel coat use, organic HAP content, and operation where the resin is used to demonstrate continuous compliance with the organic HAP emission limits specified in 3.B.2. Resin use records may be based on purchase records if you can reasonably estimate how the resin is applied. The organic HAP content records may be based on MSDS or on resin specifications supplied by the resin supplier.

Resin and gel coat use records are not required for the individual resins and gel coats that are demonstrated, as applied, to meet their applicable emission limit as defined in 40 CFR 63.5810(a). However, the permittee shall retain the records of gel coat organic HAP content, and the permittee shall include the list of these resins and gel coats and identify their application methods in the semiannual compliance reports. If after the permittee has initially demonstrated that a specific combination of an individual resin or gel coat, application method, and controls meets its applicable emission limit, and the resin or gel coat changes or the organic HAP content increases, or the permittee changes the application method or controls, then the permittee shall again demonstrate that the individual resin or gel coat meets its emission limit as specified in 40 CFR 63.5810(a). If any of the previously mentioned changes results in a situation where an individual resin or gel coat now exceeds its applicable emission limit in Table 3 to subpart WWWW, the permittee shall begin collecting resin or gel coat use records and calculate compliance using one of the averaging options on a 12-month rolling average.

(Ref.: 40 CFR 63.5895(c) and (d), Subpart WWWW)

- 5.B.4 For Emission Points AA-001, AA-002, AA-006, and AA-007, the permittee shall demonstrate continuous compliance with the organic HAP emissions limits in conditions 3.B.2 by maintaining an organic HAP emissions factor value less than or equal to the appropriate organic HAP emissions limit listed in Condition 3.B.2 (i.e., Table 3 to subpart WWWW), on a 12-month rolling average, and/or by including in each compliance report a statement that individual resins and gel coats, as applied, meet the appropriate organic HAP emissions limits, as discussed in Condition 5.B.3.

(Ref.: 40 CFR 63.5900(a)(2), Subpart WWWW)



5.B.5 For Emission Points AA-001, AA-002, AA-006, and AA-007, the permittee shall demonstrate continuous compliance with the applicable work practice standards by performing the work practice standards required in Condition 3.D.1.

(Ref.: 40 CFR 63.5900(a)(4), Subpart WWWW)

5.B.6 For Emission Points AA-001, AA-002, AA-006, and AA-007, the permittee shall maintain records that are readily accessible and are suitable for inspection of the following information:

- (a) A copy of each notification and report that you submitted to comply with Subpart WWWW, including all documentation supporting any Initial Notification or Notification of Compliance Status submitted.
- (b) A copy of all data, assumptions, and calculations used to determine organic HAP emissions factors or average organic HAP contents for operations listed in Table 3 of Subpart WWWW.
- (c) A certified statement that the permittee is in compliance with the work practice requirements in Condition 3.D.1.

(Ref.: 40 CFR 63.5915(a)(1), (c), (d), and 40 CFR 63.5920(a), Subpart WWWW)

5.B.7 For Emission Points AA-001, AA-002, AA-006, and AA-007, the permittee shall keep records according to the following provisions:

- (a) Keep each record for a period of five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
- (b) Maintain a copy of each record onsite for at least two (2) years after the date of each occurrence, measurement, maintenance, corrective action, report, or record. Records may be kept offsite for the remaining three (3) years.
- (c) Records may be kept in hard copy or electronic version.
- (d) Any records required to be maintained by this part that are submitted electronically via EPA's CEDRI may be maintained in electronic format. This ability to maintain electronic copies does not affect the requirement for facilities to make records, data, and reports available upon request to DEQ or the EPA as part of an on-site compliance evaluation.

(Ref.: 40 CFR 63.5920(b) through (e), Subpart WWWW)

5.B.8 For the entire facility, the permittee shall monitor and maintain sufficient records to document:

- (a) Identification of each resin, gel coat, release agent, coating, solvent, adhesive, or other VOC- or HAP-containing material used.
- (b) The VOC and HAP content(s) and density of each resin, gel coat, release agent, coating, solvent, adhesive, or other VOC- or HAP-containing material used.
- (c) The total quantity used of each resin, gel coat, release agent, coating, solvent, adhesive, or other VOC- or HAP-containing material used during each calendar month, as determined using the appropriate emission factors from Table 1 to 40 CFR 63, Subpart WWWW or by material balance, assuming all VOC and HAP are emitted.
- (d) The total VOC emissions, the emissions of each individual HAP, and the total HAP emissions in tons for each calendar month and each consecutive 12-month period.

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

- 5.B.9 For Emission Points AA-004 and AA-005, the permittee shall conduct visual observations for visible emissions from each baghouse weekly while there are emissions being vented to the baghouse. If any visible emissions are noted, the permittee shall immediately inspect the baghouse and determine the cause of the visible emissions and any corrective measures needed to eliminate the visible emissions. The emission point ID, date, time, and whether visible emissions were observed shall be recorded for each observation and any corrective measures taken to eliminate any visible emissions shall be noted.

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

- 5.B.10 For Emission Points AA-004 and AA-005, the permittee shall perform regular inspections and maintenance as needed each week or more often if necessary to maintain proper operation of the baghouses. Records of this maintenance shall be kept in log form and maintained in accordance with Condition 5.A.3 and made available upon request by DEQ personnel. The permittee shall maintain on hand at all times sufficient equipment as is necessary to repair, replace, and/or overhaul the pollution control equipment.

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

**C. SPECIFIC REPORTING REQUIREMENTS**

<b>Emission Point(s)</b>	<b>Applicable Requirement</b>	<b>Condition Number</b>	<b>Pollutant / Parameter Monitored</b>	<b>Reporting Requirement</b>
AA-001 AA-002 AA-006 AA-007	40 CFR 63.5900(b) and 63.5910(b)(5), (c)(1) through (4), and (d), Subpart WWWW	5.C.1	Organic HAP	Semiannual compliance reports, including any deviations
	40 CFR 63.5912(d) through (f), Subpart WWWW and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.C.2	Reporting	Submit reports to EPA electrically via CEDRI  (Continue to submit reports directly to MDEQ)
Entire Facility	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c).	5.C.3	VOC/HAP	Semiannual reports providing 12-month rolling total emissions
AA-004 AA-005	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c).	5.C.4	Visible emissions/ Maintenance inspections	Submit copies of the inspection logs

5.C.1 For Emission Points AA-001, AA-002, AA-006, and AA-007, the permittee shall submit a semiannual compliance report in accordance with Conditions 5.A.4. Each report shall contain the following information:

- (a) Company name and address.
- (b) 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.
- (c) Date of the report and beginning and ending dates of the reporting period.
- (d) If there is no deviation from the emission limits in Condition 3.B.2 or the work practice standards in Condition 3.D.1, a statement that there were no deviations from the applicable requirements.
- (e) For each deviation from the organic HAP emissions limits in Condition 3.B.2 and from the requirements of the work practice standards in Condition 3.D.1, the compliance report shall include the following information:
  - (1) The total operating time of each affected source during the reporting period.
  - (2) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

(Ref.: 40 CFR 63.5900(b), 40 CFR 63.5910(b)(5), (c)(1) through (4), and (d), Subpart WWWW)

5.C.2 For Emission Points AA-001, AA-002, AA-006, and AA-007, the permittee must submit the reports required by Condition 5.C.1 to the EPA via the Compliance and Emissions Data Reporting Interface (CEDRI), which can be accessed through the EPA's Central Data Exchange (CDX) (<https://cdx.epa.gov/>). The permittee shall refer to 40 CFR 63.5912(d) through (f) for further information related to electronic submittal via CEDRI. In addition to submittal via CEDRI, the permittee shall continue to submit all required reports directly to MDEQ.

(Ref.: 40 CFR 63.5912(d) through (f), Subpart WWWW and 11 Miss. Admin. Code Pt. 2, R. 2.B(11).)

5.C.3 For the entire facility, the permittee shall submit semiannual reports according to Condition 5.A.4 providing:

- (a) Any changes, including but not limited to, production capacity, method of operation, and the removal, replacement, or addition of a control device.
- (b) Identification of each resin, gel coat, release agent, coating, solvent, adhesive, or other VOC- or HAP-containing material used.
- (c) The VOC and HAP content(s) and density of each resin, gel coat, release agent, coating, solvent, adhesive, or other VOC- or HAP-containing material used.
- (d) The total quantity used of each resin, gel coat, release agent, coating, solvent, adhesive, or other VOC- or HAP-containing material used during each calendar month, as determined using the appropriate emission factors from Table 1 to 40 CFR 63, Subpart WWWW or by material balance, assuming all VOC and HAP are emitted.
- (e) The total VOC emissions, the emissions of each individual HAP, and the total HAP emissions in tons for each calendar month and each consecutive 12-month period.

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

5.C.4 For Emission Points AA-004 and AA-005, the permittee shall submit a copy of the logs required by Conditions 5.B.10 and 5.B.11 with the semiannual reports required by Condition 5.A.4.

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

## **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	Department of Environmental Quality
EPA	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
MMBTU/H	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 Part 61; or National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR Part 63
NM VOC	Non-Methane Volatile Organic Compounds
NO <sub>x</sub>	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR Part 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM <sub>10</sub>	Particulate Matter less than 10 µm in diameter
PM <sub>2.5</sub>	Particulate Matter less than 2.5 µm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration
SIP	State Implementation Plan
SO <sub>2</sub>	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 (Last Amended May 24, 2018)

11 Miss. Admin. Code, Part 2, Ch. 2. – Permit Regulations for the Construction and/or Operation of Air Emissions Equipment (Last Amended February 22, 20224)

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 (Last Amended July 27, 2024)

40 CFR 63, Subpart A – General Provisions

40 CFR 63, Subpart WWWW – National Emission Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

40 CFR 82 – Protection of Stratospheric Ozone