

**STATE OF MISSISSIPPI  
AIR POLLUTION CONTROL  
TITLE V PERMIT  
TO OPERATE AIR EMISSIONS EQUIPMENT**

**THIS CERTIFIES THAT**

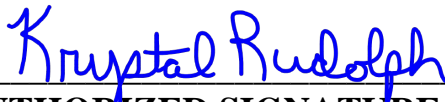
Fiber Glass Systems LP, Iuka FRP Facility  
751 County Road 989  
Iuka, Mississippi  
Tishomingo County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with Title V of the Federal Clean Air Act (42 U.S.C.A. § 7401 - 7671) and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

**Permit Issued:** December 14, 2021

**Effective Date:** As specified herein.

**MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD**



**AUTHORIZED SIGNATURE**

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Expires:** November 30, 2026

**Permit No.:** 2640-00056

**TABLE OF CONTENTS**

SECTION 1. GENERAL CONDITIONS .....3  
SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES ..... 15  
SECTION 3. EMISSION LIMITATIONS & STANDARDS..... 16  
SECTION 4. COMPLIANCE SCHEDULE.....22  
SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS .....23  
SECTION 6. ALTERNATIVE OPERATING SCENARIOS .....56  
SECTION 7. TITLE VI REQUIREMENTS .....57

**APPENDIX A LIST OF ABBREVIATIONS USED IN THIS PERMIT**

## SECTION 1. GENERAL CONDITIONS

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

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

- 1.2 It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

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

- 1.3 This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

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

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

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

- (1) Additional applicable requirements under the Federal Act become applicable to a major Title V source with a remaining permit term of 3 or more years. Such a reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended.

- (2) Additional requirements (including excess emissions requirements) become

applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

- (3) The Permit Board or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emission standards or other terms or conditions of the permit.
- (4) The Administrator or the Permit Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- (b) Proceedings to reopen and issue this permit shall follow the same procedures as apply to initial permit issuance and shall only affect those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.
- (c) Reopenings shall not be initiated before a notice of such intent is provided to the Title V source by the DEQ at least 30 days in advance of the date that the permit is to be reopened, except that the Permit Board may provide a shorter time period in the case of an emergency.

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

- 1.5 The permittee shall furnish to the DEQ within a reasonable time any information the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permittee or, for information to be confidential, the permittee shall furnish such records to DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

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

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

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

- 1.7 The provisions of this permit are severable. If any provision of this permit, or the

application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(5).)

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

(a) For purposes of fee assessment and collection, the permittee shall elect for actual or allowable emissions to be used in determining the annual quantity of emissions unless the Commission determines by order that the method chosen by the applicant for calculating actual emissions fails to reasonably represent actual emissions. Actual emissions shall be calculated using emission monitoring data or direct emissions measurements for the pollutant(s); mass balance calculations such as the amounts of the pollutant(s) entering and leaving process equipment and where mass balance calculations can be supported by direct measurement of process parameters, such direct measurement data shall be supplied; published emission factors such as those relating release quantities to throughput or equipment type (e.g., air emission factors); or other approaches such as engineering calculations (e.g., estimating volatilization using published mathematical formulas) or best engineering judgments where such judgments are derived from process and/or emission data which supports the estimates of maximum actual emission.

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

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

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

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

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

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

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

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

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

- 1.9 No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.

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

- 1.10 Any document required by this permit to be submitted to the DEQ shall contain a certification by a responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true,

accurate, and complete.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.2.E.)

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

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

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

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

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

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

- 1.14 Compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance where such applicable requirements are included and are specifically identified in the permit or where the permit

contains a determination, or summary thereof, by the Permit Board that requirements specifically identified previously are not applicable to the source.

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

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

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

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

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

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

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

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

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



- (a) the changes are not modifications under any provision of Title I of the Act;
- (b) the changes do not exceed the emissions allowable under this permit;
- (c) the permittee provides the Administrator and the Department with written notification in advance of the proposed changes (at least seven (7) days, or such other time frame as provided in other regulations for emergencies) and the notification includes:
  - (1) a brief description of the change(s),
  - (2) the date on which the change will occur,
  - (3) any change in emissions, and
  - (4) any permit term or condition that is no longer applicable as a result of the change;
- (d) the permit shield shall not apply to any Section 502(b)(10) change.

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

- 1.19 Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule or, in the absence of an approved schedule, with the appropriate requirements specified in 11 Miss. Admin. Code Pt. 2, Ch. 3., "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared.

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

- 1.20 Except as otherwise provided herein, a modification of the facility may require a Permit to Construct in accordance with the provisions of Regulations 11 Miss. Admin. Code Pt. 2, Ch. 2., "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment," and may require modification of this permit in accordance with Regulations 11 Miss. Admin. Code Pt. 2, Ch. 6., "Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act." Modification is defined as [a]ny physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to

regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:

- (a) routine maintenance, repair, and replacement;
- (b) use of an alternative fuel or raw material by reason of an order under Sections 2 (a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;
- (c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;
- (d) use of an alternative fuel or raw material by a stationary source which:
  - (1) the source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51, Subpart I, or 40 CFR 51.166; or
  - (2) the source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51, Subpart I, or 40 CFR 51.166;
- (e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Subpart I or 40 CFR 51.166; or
- (f) any change in ownership of the stationary source.

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

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

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

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

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

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

- (a) Open burning without a forced-draft air system must not occur within 500 yards of an occupied dwelling.
- (b) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.
- (c) Burning must not occur within 500 yards of commercial airport property, private airfields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator.

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

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

- (a) Except as otherwise specified herein, an “emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore

normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

- (b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.
- (c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows:
  - (1) an emergency occurred and that the permittee can identify the cause(s) of the emergency;
  - (2) the permitted facility was at the time being properly operated;
  - (3) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
  - (4) the permittee submitted notice of the emergency to the DEQ within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein.

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

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

- (a) Upsets (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
- (1) For an upset, the Commission may pursue an enforcement action for noncompliance with an emission standard or other requirement of an applicable rule, regulation, or permit. In determining whether to pursue enforcement action, and/or the appropriate enforcement action to take, the Commission may consider whether the source has demonstrated through properly signed contemporaneous operating logs or other relevant evidence the following:
    - (i) An upset occurred and that the source can identify the cause(s) of the upset;
    - (ii) The source was at the time being properly operated;
    - (iii) During the upset the source took all reasonable steps to minimize levels of emissions that exceeded the emission standard or other requirement of an applicable rule, regulation, or permit;
    - (iv) That within 5 working days of the time the upset began, the source submitted a written report to the Department describing the upset, the steps taken to mitigate excess emissions or any other noncompliance, and the corrective actions taken and;
    - (v) That as soon as practicable but no later than 24 hours of becoming aware of an upset that caused an immediate adverse impact to human health or the environment beyond the source boundary or caused a general nuisance to the public, the source provided notification to the Department.
  - (2) In any enforcement proceeding by the Commission, the source seeking to establish the occurrence of an upset has the burden of proof.
  - (3) This provision is in addition to any upset provision contained in any applicable requirement.
  - (4) These upset provisions apply only to enforcement actions by the Commission

and are not intended to prohibit EPA or third party enforcement actions.

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

- (1) Startups and shutdowns are part of normal source operation. Emission limitations apply during startups and shutdowns unless source specific emission limitations or work practice standards for startups and shutdowns are defined by an applicable rule, regulation, or permit.
- (2) Where the source is unable to comply with existing emission limitations established under the State Implementation Plan (SIP) and defined in this regulation, 11 Mississippi Administrative Code, Part 2, Chapter 1, the Department will consider establishing source specific emission limitations or work practice standards for startups and shutdowns. Source specific emission limitations or work practice standards established for startups and shutdowns are subject to the requirements prescribed in 11 Miss. Admin. Code Pt. 2, R. 1.10.B(2)(a) through (e).
- (3) Where an upset as defined in Rule 1.2 occurs during startup or shutdown, see the upset requirements above.

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

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

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

## SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
AA-001	Open Mold Spray & Filament Winding Lay Up Operations - Used to make reinforced plastic composite products. Operations included in this emission point are open molding with high strength corrosion resistant (CR/HS) resin type using non-atomized spray equipment with Mechanical and Filament application.
	Solvent Cleaning
AA-002	Fitting Operations: Installation of miscellaneous fittings, lugs, and ports joining stack pieces in-place manually using hand lay-up process. Operations included in this emission point are open molding with high strength CR/HS resin type using manual hand lay-up application.
AA-003	Four (4) 4,500 gallon Fixed Roof Bulk Resin Tanks
AA-004	Fiberglass Finishing Operations (i.e., Hand Cutting, Grinding, and Trimming of Cured Composite Products)
AB-001	Metal Surface Coatings
AB-003	Plastic Parts Coating

## SECTION 3. EMISSION LIMITATIONS & STANDARDS

### A. Facility-Wide Emission Limitations & Standards

- 3.A.1 Except as otherwise specified or limited herein, the permittee shall not cause, permit, or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity subject to the exceptions provided in (a) & (b).
- (a) Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one hour and not to exceed three (3) startups per stack in any twenty-four (24) hour period.
- (b) Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed 60 percent opacity, and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one hour.

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

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

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

- 3.A.3 Except as otherwise specified or limited herein, the permittee shall not cause 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. 1.3.F(1).)



**B. Emission Point Specific Emission Limitations & Standards**

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Permit to Construct issued January 3, 2008, and 11 Miss. Admin. Code Pt. 2, R.2.15.C., as established in the TVOP issued December 14, 2021. (PSD Avoidance)	3.B.1	VOC	Shall not exceed 200.0 tpy.
	11 Miss. Admin. Code Pt. 2, R.2.15.C., as established in the TVOP issued December 14, 2021. (MACT Avoidance)	3.B.2	Total HAP	Shall not exceed 95.9 tpy.
AA-001 AA-002 AA-003	40 CFR 63, Subpart WWWW (National Emission Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production) 40 CFR 63.5780, 63.5785(a), 63.5790(a) and (b), 63.5795(a), 63.5796, 63.5800, and Item 4 of Table 2, Subpart WWWW	3.B.3	HAP	Applicability
AA-001 AA-002	40 CFR 63.5805(c), Item 1 of Table 3 to Subpart WWWW, 63.5810, 63.5835(a), 63.5900(c), Subpart WWWW	3.B.4		<p><b><u>Open molding – Corrosion resistant and/or high strength (CR/HS):</u></b></p> <p>(1) <u>Mechanical resin application</u></p> <p>Emission limit: 113 lb HAP/ton<sub>resin</sub></p> <p>(2) <u>Filament application</u></p> <p>Emission limit: 171 lb HAP/ton<sub>resin</sub></p> <p>(3) <u>Manual resin application</u></p> <p>Emission limit: 123 lb HAP/ton<sub>resin</sub></p>
AB-001	40 CFR 63, Subpart MMMM (National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products) 40 CFR 63.3880, 63.3881(a)(1), (a)(2), (b), 63.3882(a), (b), and (c)(1), 63.3883(c)(1), 63.3981), Subpart MMMM	3.B.5	HAP	Applicability
	40 CFR 63.3890(b)(1), 63.3900(a)(1), Subpart MMMM	3.B.6		Emissions shall not exceed 2.6 lb HAP/gal coating solids used
	40 CFR 63.3900(b), Subpart MMMM	3.B.7	HAP	Good Air Pollution Control Practices

- 3.B.1 For the entire facility, the permittee shall limit Volatile Organic Compound (VOC) emissions to no more than 200.0 tons per year (tpy). The permittee shall determine VOC emissions on a monthly basis and for each consecutive 12-month period on a rolling basis. Emission calculations shall consider, but not limited to, AP-42 guidance, and the manufacturer's specifications for each coating, adhesive, solvent, or other VOC containing material used.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Permit to Construct issued January 3, 2008, and 11 Miss. Admin. Code Pt. 2, R.2.15.C., as established in the TVOP issued December 14, 2021. [PSD Avoidance])

- 3.B.2 For the entire facility, the permittee shall limit total Hazardous Air Pollutant (HAP) emissions to no more than 95.9 tons per year (tpy). The permittee shall determine total HAP emissions on a monthly basis and for each consecutive 12-month period on a rolling basis. Emission calculations shall consider, but not limited to, AP-42 guidance, and the manufacturer's specifications for each coating, adhesive, solvent, or other HAP containing material used.

(Ref.: 11 Miss. Admin. Code Pt. 2, R.2.15.C., as established in the TVOP issued December 14, 2021 [MACT Avoidance])

- 3.B.3 For Emission Points AA-001, AA-002, and AA-003, the permittee is subject to and shall comply with all applicable requirements of the National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production (40 CFR 63, Subpart WWWW) and General Provisions (40 CFR 63, Subpart A).  
  
(Ref.: 40 CFR 63.5780, 63.5785(a), 63.5790(a) and (b), 63.5795(a), 63.5796, 63.5800, and Item 4 of Table 2, Subpart WWWW)
- 3.B.4 For Emission Points AA-001 and AA-002, the permittee shall comply with the following organic HAP emission limits for open molding – corrosion-resistant and/or high strength (CR/HS) at all times, based on a 12-month rolling average:
- (a) Mechanical resin application shall not exceed 113 lb/ton.
  - (b) Filament application shall not exceed 171 lb/ton.
  - (c) Manual resin application shall not exceed 123 lb/ton.
- (Ref.: 40 CFR 63.5805(c), Item 1 of Table 3 to Subpart WWWW, 63.5810, 63.5835(a), 63.5900(c), Subpart WWWW)
- 3.B.5 For Emission Point AB-001, the permittee is subject to and shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products (40 CFR 63, Subpart MMMM) and General Provisions (40 CFR 63, Subpart A).  
  
(Ref.: 40 CFR 63.3880, 63.3881(a)(1), (a)(2), (b), 63.3882(a), (b), and (c)(1), 63.3883(c)(1), 63.3981, Subpart MMMM)
- 3.B.6 For Emission Point AB-001, at all times, the permittee shall limit organic HAP emissions to no more than 0.31 kilograms (kg) (2.6 pound (lb)) organic HAP per liter (gal) coating solids used during each 12-month compliance period.  
  
(Ref.: 40 CFR 63.3890(b)(1), 63.3900(a)(1), Subpart MMMM)

- 3.B.7 For Emission Point AB-001, at all times, the permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by the applicable standard have been achieved. Determination of whether a source is operating in compliance with operation and maintenance requirements will be based on information available to the DEQ that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the affected source.

(Ref.: 40 CFR 63.3900(b), Subpart MMMM)

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 <sub>2</sub>	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

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
AA-001 AA-002 AA-003	40 CFR 63.5805(c), Items 2, 3, 6, 7, and 8 of Table 4 to Subpart WWWW, 63.5900(c), Subpart WWWW	3.D.1	HAP	Work Practice Standards

3.D.1 For Emission Points AA-001, AA-002, and AA-003, the permittee shall comply with the following work practice standards at all times:

- (a) The permittee shall not use cleaning solvents that contain HAP, except that styrene may be used as a cleaner in closed systems, and organic HAP containing cleaners may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin.
- (b) 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.
- (c) The permittee shall use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1 inch are permissible around mixer shafts and any required instrumentation <sup>i</sup>.
- (d) The permittee shall close any mixer vents when actual mixing is occurring, except that venting is allowed during addition of materials, or as necessary prior to adding materials or opening the cover for safety. Vents routed to a 95 percent efficient control device are exempt from this requirement <sup>i</sup>.
- (e) The permittee shall keep the mixer covers closed which actual mixing is occurring except when adding materials or changing covers to the mixing vessels <sup>i</sup>.

<sup>i</sup>Containers of five (5) gallons or less may be open when active mixing is taking place, or during periods when they are in process (i.e., they are actively being used to apply resin).

The permittee shall demonstrate continuous compliance, at all times, by performing the work practice required for each operation.

(Ref.: 40 CFR 63.5805(c), Items 2, 3, 6, 7, and 8 of Table 4 to Subpart WWWW, 63.5835(a), 63.5900(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 permit terms and conditions, including emission limitations, standards, or work practices, by January 31 for the preceding calendar year. If the permit was reissued or modified during the course of the preceding calendar year, the compliance certification shall address each version of the permit. Each compliance certification shall include the following:
- (a) the identification of each term or condition of the permit that is the basis of the certification;
  - (b) the compliance status;
  - (c) whether compliance was continuous or intermittent;
  - (d) the method(s) used for determining the compliance status of the source, currently and over the applicable reporting period;
  - (e) such other facts as may be specified as pertinent in specific conditions elsewhere in this permit.

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

## SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

### A. General Monitoring, Recordkeeping and Reporting Requirements

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

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

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

- (a) the date, place as defined in the permit, and time of sampling or measurements;
- (b) the date(s) analyses were performed;
- (c) the company or entity that performed the analyses;
- (d) the analytical techniques or methods used;
- (e) the results of such analyses; and
- (f) the operating conditions existing at the time of sampling or measurement.

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

5.A.3 Except where a longer duration is specified in an applicable requirement, the permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

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

5.A.4 Except as otherwise specified herein, the permittee shall submit reports of any required monitoring by July 31st and January 31st 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 6, Rule 6.2.E. For applicable periodic

reporting requirements in 40 CFR Parts 60, 61, and 63, the permittee shall comply with the deadlines in this condition for reporting conducted on a semiannual basis. Additionally, any required quarterly reports shall be submitted by the end of the month following each calendar quarter (i.e., April 30th, July 31st, October 31st, and January 31st), and any required annual reports shall be submitted by January 31<sup>st</sup> following each calendar year. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1)., 40 CFR 60.19(c), 61.10(g), and 63.10(a)(5))

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

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

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

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

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

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

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

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



### 5.A.9 Specific Monitoring and Recordkeeping Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R.6.3.A(3).	5.B.1	VOC HAP	Recordkeeping Requirement
AA-001 AA-002 AA-003	40 CFR 63.5860(a), Item 1 of Table 8 to Subpart WWWW, Items 2 and 3 of Table 9 to Subpart WWWW, Subpart WWWW	5.B.2	HAP	Initial Compliance Demonstration
AA-001 AA-002	40 CFR 63.5810, Subpart WWWW	5.B.3	HAP	Compliance Option Requirement
	40 CFR 63.5895(c) and (d), Subpart WWWW	5.B.4		Resin Recordkeeping Requirement
	40 CFR 63.5900(a)(2) and (4), Subpart WWWW	5.B.5		Monitor Emission Factor Value
	40 CFR 63.5915(a), (c), and (d), Subpart WWWW	5.B.6		Recordkeeping Requirement
	40 CFR 63.5920, Subpart WWWW	5.B.7		Recordkeeping Requirement
AB-001	40 CFR 63.3891(a) and (b), Subpart MMMM	5.B.8	HAP	Compliance Demonstration Requirement
	40 CFR 63.3930(a) and (b), Subpart MMMM	5.B.9		Recordkeeping Requirement
	40 CFR 63.3930(c)(1) through (3), Subpart MMMM	5.B.10		Recordkeeping Requirement
	40 CFR 63.3930(d) through (g), Subpart MMMM	5.B.11	HAP	Recordkeeping Requirement
	40 CFR 63.3930(j), Subpart MMMM	5.B.12		Deviation Recordkeeping Requirement
	40 CFR 63.3931, Subpart MMMM	5.B.13		Recordkeeping Requirement
	40 CFR 63.3940, Subpart MMMM	5.B.14		Compliant Material Option: Initial Compliance Demonstration
	40 CFR 63.3941, Subpart MMMM	5.B.15		Compliant Material Option: Compliance Requirement
	40 CFR 63.3942, Subpart MMMM	5.B.16		Compliant Material Option: Compliance Requirement
	40 CFR 63.3950, Subpart MMMM	5.B.17		Emission Rate Without Add-on Controls Option: Initial Compliance Demonstration

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AB-001	40 CFR 63.3951, Subpart M MMM	5.B.18	HAP	Emission Rate Without Add-on Controls Option: Compliance Requirement
	40 CFR 63.3952, Subpart M MMM	5.B.19		Emission Rate Without Add-on Controls Option: Compliance Requirement

5.A.10 For the entire facility, the permittee shall demonstrate compliance with Conditions 3.B.1 and 3.B.2 by determining the following for each coating, adhesive, solvent, or other VOC or HAP containing material used and maintain sufficient records to document:

- (a) The identification of each coating, adhesive, solvent, or other VOC or HAP containing material and the total gallons of each coating, adhesive, solvent, or other VOC or HAP containing material used on a monthly basis and in each consecutive 12-monthly period.
- (b) The VOC and HAP content(s) of each coating, adhesive, solvent, or other VOC or HAP containing material used. A description of the methods used to determine the VOC and HAP content shall accompany this data. The permittee may utilize data supplied by the manufacturer, or analysis of VOC and HAP content by EPA Test Method 24, 40 CFR 60, Appendix A and/or EPA Test Method 24.
- (c) The density of each coating, adhesive, solvent, or other VOC or HAP containing material used.

The permittee shall use the given parameters to determine VOC, individual HAP, and total HAP emissions on a monthly basis and for each consecutive 12-month period on a rolling basis.

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

5.A.11 For Emission Point AA-001, AA-002, and AA-003, the permittee shall demonstrate initial compliance with each organic HAP emissions standard in Condition 3.B.4 by using the procedures following procedures:

- (a) The permittee shall demonstrate initial compliance for open molding operations by performing the following:

- (1) Meeting Condition 3.B.4 as calculated using the procedures in Condition 5.B.3 on a 12-month rolling average 1 year after the appropriate compliance date, and/or
  - (2) The permittee demonstrates that any individual resins or gel coats not included in (1) above, as applied, meet their applicable emission limits, or
  - (3) The permittee demonstrates using the appropriate values in Table 7 to Subpart WWW that the weighted average of all resins and gel coats for each resin type and application method meet the appropriate organic HAP contents.
- (b) The permittee shall demonstrate initial compliance for cleaning operations by not using cleaning solvents that contain HAP, except that styrene may be used in closed systems, and organic HAP containing materials may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin between storage and applying resin to the mold or reinforcement. The permittee shall submit a certified statement in the notice of compliance status that all cleaning materials, except styrene contained in closed systems, or materials used to clean cured resin from application equipment, contain no HAP.
- (c) The permittee shall demonstrate initial compliance for HAP-containing materials storage operations by keeping 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. The permittee shall submit a certified statement in the notice of compliance status that all HAP-containing storage containers are kept closed or covered except when adding or removing materials, and that any bulk storage tanks are vented only as necessary for safety.

(Ref.: 40 CFR 63.5860(a), Item 1 of Table 8 to Subpart WWW, Items 2 and 3 of Table 9 to Subpart WWW, Subpart WWW)

5.A.12 For Emission Points AA-001 and AA-002, the permittee shall demonstrate compliance with Condition 3.B.4 by using one of the following methods in paragraphs (a) through (d) of this

condition to meet the standards for open molding Table 3 of Subpart WWW. The permittee may use any control method that reduces organic HAP emissions, including reducing resin and gel coat organic HAP content, changing to non-atomized 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 Condition 3.B.4. The necessary calculations must be completed within 30 days after the end of each month. The permittee may switch between the compliance options in paragraphs (a) through (d) of this condition. When a change occurs to an option based on a 12-month rolling average, the permittee shall base the average on the previous 12 months of data calculated using the subsequent compliance, unless the previous compliance option 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.

Compliance options:

- (a) Demonstrate that an individual resin or gel coat, as applied, meets the applicable emission limit in Condition 3.B.4 or alternative organic HAP emission limits based on a 95 percent reduction requirement (Table 5 of 40 CFR 63, Subpart WWW).
- (b) Demonstrate that, on average, the facility meets the individual organic HAP emissions limits for each combination of operation type and resin application method or gel coat type.
- (c) Demonstrate compliance with a weighted average emission limit determined according to 40 CFR 63.5810(c)(1) and (2), Subpart WWW.
- (d) Meet the organic HAP emissions limit for one application method and use the same resin(s) for all application methods of that resin type.

(Ref.: 40 CFR 63.5810, Subpart WWW)

- 5.A.13 For Emission Points AA-001 and AA-002, the permittee shall demonstrate compliance with each weighted average of the organic HAP emissions limits of Condition 3.B.4 by collecting and keeping records of resin and gel coat use, organic HAP content, and operation where the resin is used if the permittee is meeting any organic HAP emissions

limits based on an organic HAP emissions limit in Condition 3.B.4. Resin use records may be based on purchase records if the facility can reasonably estimate how the resin is applied. The organic HAP content records may be based on SDS 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 as defined in Condition 5.B.3(a). However, the permittee shall retain the records of resin and 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 required by Condition 5.C.4. If after the initial demonstration 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 again shall demonstrate that the individual resin or gel coat meets its emission limit as specified in Condition 5.B.3(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 Condition 3.B.4 or Table 5 of 40 CFR 63, Subpart WWWW, the permittee shall begin collecting resin and 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.A.14 For Emission Points AA-001 and AA-002, the permittee shall demonstrate continuous compliance with Condition 3.B.4 by maintaining an organic HAP emissions factor value less than or equal to the appropriate organic HAP emissions limit listed in Condition 3.B.4 or Table 5 of 40 CFR 63, Subpart WWWW, on a 12-month rolling average, and/or by including in each compliance report required by Condition 5.C.5, a statement that individual resins and gel coats, as applied, meet the appropriate organic HAP emissions limits, as discussed in Condition 5.B.4.

Compliance with the work practice standards in Condition 3.D.1 is demonstrated by performing the work practice required for the operation.

(Ref.: 40 CFR 63.5900(a)(2) and (4), Subpart WWWW)

5.A.15 For Emission Points AA-001 and AA-002, the permittee shall keep the following records:

- (a) A copy of each notification and report that the permittee submitted to comply with Subpart WWW, including all documentation supporting any Initial Notification or Notification of Compliance Status that the permittee submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv), Subpart A.
- (b) Records of performance tests, design, and performance evaluations as required in 40 CFR 63.10(b)(2), Subpart A.

The permittee shall keep all data, assumptions, and calculations used to determine organic HAP emissions factors or average organic HAP contents for operations listed in Condition 3.B.4, Tables 5 and 7 of 40 CFR 63, Subpart WWW.

The permittee shall keep a certified statement that the facility is in compliance with the work practice requirements in Condition 3.D.1, as applicable.

(Ref.: 40 CFR 63.5915(a), (c), and (d), Subpart WWW)

5.A.16 For Emission Points AA-001 and AA-002, the permittee shall maintain records according to the following requirements:

- (a) Maintain all applicable records in such a manner that they can be readily accessed and are suitable for inspection according to 40 CFR 63.10(b)(1), Subpart A.
- (b) Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
- (c) Keep each record onsite for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1), Subpart A. The permittee can keep the records offsite for the remaining 3 years.
- (d) The permittee may keep records in hard copy or computer readable form including, but not limited to, paper, microfilm, computer floppy disk, magnetic tape, or microfiche.

- (e) Any records required to be maintained by 40 CFR 63, Subpart WWWW that are submitted electronically via the 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 the DEQ or the EPA as part of an on-site compliance evaluation.

(Ref.: 40 CFR 63.5920, Subpart WWWW)

5.A.17 For Emission Point AB-001, the permittee shall include all coatings (as defined in 40 CFR 63.3981, Subpart MMMM), thinners and/or other additives, and cleaning materials used in the affected source when determining whether the organic HAP emission rate is equal to or less than the applicable emission limit in Condition 3.B.6. To make this determination, the permittee shall use at least one of the compliance options listed in paragraphs (a) and (b) of this condition. The permittee may apply any of the compliance options to an individual coating operation, or to multiple coating operations as a group, or to the entire affected source. The permittee may use different compliance options for different coating operations, or at different times on the same coating operation. The permittee may employ different compliance options when different coatings are applied to the same part, or when the same coating is applied to different parts. However, the permittee may not use different compliance options at the same time on the same coating operation. If the permittee switches between compliance options for any coating operation or group of coating operations, the permittee shall document this switch as required by Condition 5.B.10, and the permittee must report it in the next semiannual compliance report required in Conditions 5.C.9.

- (a) Compliant material option. Demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit in Condition 3.B.6, and that each thinner and/or other additive, and cleaning material used contains no organic HAP. The permittee shall meet all the requirements of Condition 5.B.14, 5.B.15 and 5.B.16 to demonstrate compliance with the applicable emission limit using this option.
- (b) Emission rate without add-on controls option. Demonstrate that, based on the coatings, thinners and/or other additives, and cleaning materials used in the coating

operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in Condition 3.B.6, calculated as a rolling 12-month emission rate and determined on a monthly basis. You must meet all the requirements of Condition 5.B.17, 5.B.18 and 5.B.19, Subpart MMMM to demonstrate compliance with the emission limit using this option.

(Ref.: 40 CFR 63.3891(a) and (b), Subpart MMMM)

5.A.18 For Emission Point AB-001, the permittee shall collect and keep records the following records. Failure to collect and keep these records is a deviation from the applicable standard.

- (a) A copy of each notification and report submitted to comply with Subpart MMMM, and the documentation supporting each notification and report. The permittee shall also keep records of any data used in each annual predominant activity determination and in the calculation of the facility-specific emission limit for each 12-month compliance period included in the semi-annual compliance reports.
- (b) A of the current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner and/or other additive, and cleaning material, and the volume fraction of coating solids for each coating. If testing is conducted to determine mass fraction of organic HAP, density, or volume fraction of coating solids, the permittee shall keep a copy of the complete test report. If the permittee uses information provided by the manufacturer or supplier of the material that was based on testing, the permittee shall keep the summary sheet of results provided by the manufacturer or supplier. The permittee is not required to obtain the test report or other supporting documentation from the manufacturer or supplier.

(Ref.: 40 CFR 63.3930(a) and (b), Subpart MMMM)

5.A.19 For Emission Point AB-001, the permittee shall collect and keep records of the following data and information for each compliance period as specified in Condition 5.C.9:



- (a) A record of the coating operations on which the permittee used each compliance option and the time periods (beginning and ending dates and times) for each option the permittee used.
- (b) For the compliant material option, a record of the calculation of the organic HAP content for each coating, using Equation 2 of 40 CFR 63.3941, Subpart MMMM.
- (c) For the emission rate without add-on controls option, a record of the calculation of the total mass of organic HAP emissions for the coatings, thinners and/or other additives, and cleaning materials used each month using Equations 1, 1A through 1C, and 2 of 40 CFR 63.3951, Subpart MMMM; and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.3951(e)(4), Subpart MMMM; the calculation of the total volume of coating solids used each month using Equation 2 of 40 CFR 63.3951, Subpart MMMM; and the calculation of each 12-month organic HAP emission rate using Equation 3 of 40 CFR 63.3951, Subpart MMMM.

(Ref.: 40 CFR 63.3930(c)(1) through (3), Subpart MMMM)

5.A.20 For Emission Point AB-001, the permittee shall keep the following records:

- (a) A record of the name and volume of each coating, thinner and/or other additive, and cleaning material used during each compliance period. The permittee may maintain purchase records for each material used rather than a record of the volume used if the compliant material option (Condition 5.B.8(a)) is used for all coatings.
- (b) A record of the mass fraction of organic HAP for each coating, thinner and/or other additive, and cleaning material used during each compliance period unless the material is tracked by weight.
- (c) A record of the volume fraction of coating solids for each coating used during each compliance period.
- (d) If the emission rate without add-on controls compliance option (Condition 5.B.8(b)) is used, the permittee shall record the density for each coating, thinner and/or other additive, and cleaning material used during each compliance period.

(Ref.: 40 CFR 63.3930(d) through (g), Subpart M MMM)

5.A.21 For Emission Point AB-001, the permittee shall keep the following records for each deviation from an emission limitation:

- (a) The date, time, and duration of the deviation, as reported under Conditions 5.C.13 and 5.C.14
- (b) A list of the affected sources or equipment for which the deviation occurred and the cause of the deviation, as reported under Conditions 5.C.13 and 5.C.14.
- (c) An estimate of the quantity of each regulated pollutant emitted over the emission limit in Condition 3.B.6 and a description of the method used to calculate the estimate, as reported under Conditions 5.C.13 and 5.C.14.
- (d) A record of actions taken to minimize emissions in accordance with Condition 3.B.7 and any corrective actions taken to return the affected unit to its normal or usual manner of operation.

(Ref.: 40 CFR 63.3930(j), Subpart M MMM)

5.A.22 For Emission Point AB-001, the permittee shall keep records in accordance with the following:

- (a) Records shall be kept in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1), Subpart A. Where appropriate, the records may be maintained as electronic spreadsheets or as a database. Any records required to be maintained by 40 CFR 63, Subpart M MMM that are in reports that were submitted electronically via the 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 a delegated air agency or the EPA as part of an on-site compliance evaluation.
- (b) As specified in 40 CFR 63.10(b)(1), Subpart A, the permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

- (c) The permittee shall keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record according to 40 CFR 63.10(b)(1), Subpart A. The permittee shall keep the records off-site for the remaining 3 years.

(Ref.: 40 CFR 63.3931, Subpart Mmmm)

- 5.A.23 For Emission Point AB-001, the permittee shall demonstrate initial compliance with Condition 3.B.6 according to the requirements of Condition 5.B.15. The initial compliance period begins the issuance date of this permit and ends on the last day of the 12<sup>th</sup> month following the compliance month. The initial compliance demonstration includes the calculations according to Condition 5.B.15 and supporting documentation showing that during the initial compliance period no coating with an organic HAP content that exceeded the applicable emission limit Condition 3.B.6, and that no thinners and/or other additives, or cleaning materials that contained organic HAP as determined to Condition 5.B.15(a) (40 CFR 63.3941(a), Subpart Mmmm).

(Ref.: 40 CFR 63.3940, Subpart Mmmm)

- 5.A.24 For Emission Point AB-001, the permittee may use the compliant material option for any individual coating operation, for any group of coating operations in the affected source, or for all the coating operations in the affected source. The permittee shall use either the emission rate without add-on controls option or the emission rate with add-on controls option for any coating operation in the affected source for which the permittee does not use this option. To demonstrate initial compliance using the compliant material option, the coating operation or group of coating operations must use no coating with an organic HAP content that exceeds the applicable emission limits in Condition 3.B.6 and must use no thinner and/or other additive, or cleaning material that contains organic HAP as determined according to this condition. Any coating operation for which you use the compliant material option is not required to meet the operating limits or work practice standards required in 40 CFR 63.3892 and 63.3893, Subpart Mmmm, respectively. The permittee shall conduct a separate initial compliance demonstration for each general use, high performance, magnet wire, rubber-to-metal, and extreme performance fluoropolymer coating operation unless the permittee is demonstrating compliance with a predominant

activity or facility-specific emission limit as provided in Condition 3.B.6. The permittee shall meet all the requirements of this condition. Use the procedures in Subpart MMMM on each coating, thinner and/or other additive, and cleaning material in the condition it is in when it is received from its manufacturer or supplier and prior to any alteration. The permittee does not need to redetermine the organic HAP content of coatings, thinners and/or other additives, and cleaning materials that are reclaimed on-site (or reclaimed off-site if you have documentation showing that you received back the exact same materials that were sent off-site) and reused in the coating operation for which you use the compliant material option, provided these materials in their condition as received were demonstrated to comply with the compliant material option.

- (a) Determine the mass fraction of organic HAP for each material used as specified in 40 CFR 63.3941(a), Subpart MMMM.
  - (b) Determine the volume fraction of coating solids for each coating as specified in 40 CFR 63.3941(b), Subpart MMMM.
  - (c) Determine the density of each coating as specified in 40 CFR 63.3941(c), Subpart MMMM.
  - (d) Determine the organic HAP content of each coating as specified in 40 CFR 63.3941(d), Subpart MMMM.
  - (e) Compliance demonstration as specified in 40 CFR 63.3941(e), Subpart MMMM.
- (Ref.: 40 CFR 63.3941, Subpart MMMM)

5.A.25 For Emission Point AB-001, if the permittee chooses the compliant material compliance option, the permittee shall demonstrate continuous compliance with Condition 3.B.6 by performing the following:

- (a) The permittee will not use a coating for which the organic HAP content (determined using Equation 2 of 40 CFR 63.3941, Subpart MMMM) exceeds the applicable emission limit in Condition 3.B.6, and use no thinner and/or other additive, or cleaning material that contains organic HAP, determined according to Condition 5.B.15(a) (40 CFR 63.3941(a), Subpart MMMM). A compliance period consists of 12 months. Each month, after the end of the initial compliance period described in

Condition 5.B.14, is the end of a compliance period consisting of that month and the preceding 11 months.

- (b) If the permittee chooses to comply with the emission limitations by using the compliant material option, the use of any coating, thinner and/or other additive, or cleaning material that does not meet the criteria specified in paragraph (a) of this condition is a deviation from the emission limitations that must be reported as specified in 5.C.9 and Condition 5.C.13.
- (c) As part of each semiannual compliance report required by Conditions 5.C.11, the permittee shall identify the coating operation(s) for which the permittee used the compliant material option. If there were no deviations from the applicable emission limit in Condition 3.B.6, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the permittee used no coatings for which the organic HAP content exceeded the applicable emission limit in Condition 3.B.6, and the permittee used no thinner and/or other additive, or cleaning material that contained organic HAP, determined according to Condition 5.B.15(a) (40 CFR 63.3941(a), Subpart M).  
(Ref.: 40 CFR 63.3942, Subpart M)
- (d) The permittee shall maintain records as specified in Conditions 5.B.6 through 5.B.12.  
(Ref.: 40 CFR 63.3942, Subpart M)

- 5.A.26 For Emission Point AB-001, the permittee shall demonstrate initial compliance with Condition 3.B.6 according to the requirements of Condition 5.B.18. The initial compliance period begins the issuance date of this permit and ends on the last day of the 12<sup>th</sup> month following the compliance month. The initial compliance demonstration includes the calculations according to Condition 5.B.18 and supporting documentation showing that during the initial compliance period no coating with an organic HAP content that exceeded the applicable emission limit Condition 3.B.6, and that no thinners and/or other additives, or cleaning materials that contained organic HAP as determined according to Condition 5.B.18(a) (40 CFR 63.3951(a), Subpart M).  
(Ref.: 40 CFR 63.3950, Subpart M)

5.A.27 For Emission Point AB-001, the permittee may use the emission rate without add-on controls option for any individual coating operation, for any group of coating operations in the affected source, or for all the coating operations in the affected source. The permittee shall use either the compliant material option or the emission rate with add-on controls option for any coating operation in the affected source for which this option is not used. To demonstrate initial compliance using the emission rate without add-on controls option, the coating operation or group of coating operations shall meet the applicable emission limit in Condition 3.B.6, but is not required to meet the operating limits or work practice standards in 40 CFR 63.3892 and 63.3893, Subpart MMMM, respectively. The permittee shall meet all the requirements of this condition. When calculating the organic HAP emission rate according to this condition, do not include any coatings, thinners and/or other additives, or cleaning materials used on coating operations for which you use the compliant material option or the emission rate with add-on controls option. The permittee does not need to redetermine the mass of organic HAP in coatings, thinners and/or other additives, or cleaning materials that have been reclaimed on-site (or reclaimed off-site if you have documentation showing that you received back the exact same materials that were sent off-site) and reused in the coating operation for which you use the emission rate without add-on controls option. If you use coatings, thinners and/or other additives, or cleaning materials that have been reclaimed on-site, the amount of each used in a month may be reduced by the amount of each that is reclaimed. That is, the amount used may be calculated as the amount consumed to account for materials that are reclaimed.

- (a) Determine the mass fraction of organic HAP for each material as specified in 40 CFR 63.3941(a), Subpart MMMM.
- (b) Determine the volume fraction of coating solids as specified in 40 CFR 63.3941(b), Subpart MMMM.
- (c) Determine the density of each material as specified in 40 CFR 63.3951(c), Subpart MMMM.
- (d) Determine the volume of each material used as specified in 40 CFR 63.3951(d), Subpart MMMM.

- (e) Calculate the mass of organic HAP emissions as specified in 40 CFR 63.3951(e), Subpart MMMM.
  - (f) Calculate the total volume of coating solids used as specified in 40 CFR 63.3951(f), Subpart MMMM.
  - (g) Calculate the organic HAP emission rate as specified in 40 CFR 63.3951(h), Subpart MMMM.
  - (h) Compliance demonstration as specified in 40 CFR 63.3951(h), Subpart MMMM.
- (Ref.: 40 CFR 63.3951, Subpart MMMM)

5.A.28 For Emission Point AB-001, if the permittee chooses the emission rate without add-on controls compliance option, the permittee shall demonstrate continuous compliance with Condition 3.B.6 by performing the following:

- (a) The organic HAP emission rate for each compliance period, determined according to Condition 5.B.18(a) through (g) (40 CFR 63.3951(a) through (g), Subpart MMMM), must be less than or equal to Condition 3.B.6. A compliance period consists of 12 months. Each month after the end of the initial compliance period described in Condition 5.B.17 is the end of a compliance period consisting of that month and the preceding 11 months. The permittee shall perform the calculations in Condition 5.B.18(a) through (g) (40 CFR 63.3951(a) through (g), Subpart MMMM) on a monthly basis using data from the previous 12 months of operation.
- (b) If the organic HAP emission rate for any 12-month compliance period exceeded the applicable emission limit in Condition 3.B.6, this is a deviation from the emission limitation for that compliance period and must be reported as specified in Condition 5.C.9 and Condition 5.C.14.
- (c) As part of each semiannual compliance report required by Condition 5.C.8, the permittee must identify the coating operation(s) for which the permittee used the emission rate without add-on controls option. If there were no deviations from the emission limitations, the permittee must submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period

was less than or equal to the applicable emission limit in Condition 3.B.6, determined according to Condition 5.B.18(a) through (g) (40 CFR 63.3951(a) through (g), Subpart MMMM).

- (d) The permittee shall maintain records as specified in Conditions 5.B.6 through 5.B.12.  
(Ref.: 40 CFR 63.3952, Subpart MMMM)



**B. Specific Reporting Requirements**

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.C.1	VOC HAP	Semiannual Report
AA-001 AA-002 AA-003	40 CFR 63.5805(e) and (f), Subpart WWW	5.C.2	HAP	Semiannual Emission Notification
	40 CFR 63.5910(f), Subpart WWW			Emission Exceedance Report
	40 CFR 63.5900(d), Subpart WWW	5.C.3		Semiannual Deviation Report
	40 CFR 63.5905, Subpart WWW	5.C.4		Notification Submittal Requirement
	40 CFR 63.5910(a) and (b), 63.5800, Item 4 of Table 2 to Subpart WWW, Subpart WWW	5.C.5		Compliance Report Requirement
	40 CFR 63.5910(c)(1) through (5) and (d), Subpart WWW	5.C.6		Semiannual Report
	40 CFR 63.5910(i), Subpart WWW	5.C.7	HAP	Compliance Option Requirement
	40 CFR 63.5912(c), (d), (e), and (f), Subpart WWW	5.C.8		CEDRI Reporting Requirement
AB-001	40 CFR 63.3910(a), (b), (c)(1) through (c)(8)(ii), Subpart MMMM	5.C.9	HAP	Notification Requirements
	40 CFR 63.3920(a)(1)(i) through (iii), Subpart MMMM	5.C.10		Semiannual Report
	40 CFR 63.3920(a)(3)(i) through (v), Subpart MMMM	5.C.11		Semiannual Report
	40 CFR 63.3920(a)(4), Subpart MMMM	5.C.12		Semiannual Deviation Report
	40 CFR 63.3920(a)(5), Subpart MMMM	5.C.13		Compliant Material Option Reporting Requirement
	40 CFR 63.3920(a)(6), Subpart MMMM	5.C.14		Emission Rate without Add-on Controls Reporting Requirement
	40 CFR 63.3920(e), Subpart MMMM	5.C.15		Initial CEDRI Notification
	40 CFR 63.3920(f), (g), and (h), Subpart MMMM	5.C.16		CEDRI Reporting Requirement

5.B.1 For the entire facility, the permittee shall submit a semiannual report in accordance with Condition 5.A.4, containing the following information:

- (a) Identification of the Resin(s), Coating(s), Catalyst(s), or other VOC containing material used.
- (b) The VOC and HAP content(s) of Resin(s), Coating(s), Catalyst(s), or other VOC containing material used.
- (c) The total gallons of the Resin(s) or other VOC containing material used on a monthly basis and for each consecutive 12-month period on a rolling basis.
- (d) The total VOC emission rate in tons/year on a monthly basis and for each consecutive 12-month period on a rolling basis.
- (e) The total HAP emission rate in tons/year on a monthly basis and for each consecutive 12-month period on a rolling basis.

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

5.B.2 For Emission Points AA-001, AA-002, and AA-003, the permittee shall notify the DEQ, in accordance with Condition 5.A.4, if the facility meets or exceeds the 100 tpy threshold in any calendar year. The permittee may request a one-time exemption from the requirements of 40 CFR 63.5805(d), Subpart WWWW in the compliance report if the permittee can demonstrate all of the following:

- (a) The exceedance of the threshold was due to circumstances that will not be repeated.
- (b) The average annual organic HAP emissions from the potentially affected operations for the last 3 years were below 100 tpy.
- (c) Projected organic HAP emissions for the next calendar year are below 100 tpy, based on projected resin and gel coat use and the HAP emission factors calculated according to the procedures in 40 CFR 63.5799, Subpart WWWW.

If the permittee applies for an exemption and subsequently exceeds the 100 tpy HAP emission threshold over the next 12-month period, the permittee shall notify the DEQ in accordance with Condition 5.A.4, the exemption is removed, and the facility shall comply

with 40 CFR 63.5805(d), Subpart WWWW within 3 years from the time the organic HAP emissions first exceeded the threshold.

The permittee shall report if organic HAP emissions exceed 100 tpy; thus, making the facility subject to 40 CFR 63.5805(d), Subpart WWWW. The report shall include any request for an exemption under Condition 5.C.1. If an exemption was received under Condition 5.C.1, Subpart WWWW and the facility subsequently exceeds the 100 tpy organic HAP emissions threshold, the permittee shall report this exceedance as required in Condition 5.C.1, Subpart WWWW.

(Ref.: 40 CFR 63.5805(e) and (f), 63.5910(f), Subpart WWWW)

- 5.B.3 For Emission Point AA-001, AA-002, and AA-003, the permittee shall report each deviation from each standard in Condition 3.B.4 and Condition 3.D.1. The deviations must be reported according to the requirements in Condition 5.C.5.

(Ref.: 40 CFR 63.5900(d), Subpart WWWW)

- 5.B.4 For Emission Points AA-001, AA-002, and AA-003, the permittee shall submit all applicable notifications in Table 13 to 40 CFR 63, Subpart WWWW by the dates specified in Table 13 to 40 CFR 63, Subpart WWWW. The notifications are described more fully in 40 CFR part 63, subpart A, referenced in Table 13 to 40 CFR 63, Subpart WWWW.

If the facility change any information submitted in any notification, the permittee shall submit the changes in writing to DEQ within 15 calendar days after the change.

(Ref.: 40 CFR 63.5905, Subpart WWWW)

- 5.B.5 For Emission Point AA-001, AA-002, and AA-003, the permittee shall submit compliance reports. The compliance reports shall contain the following:

- (a) A statement that there were no deviations during that reporting period if there were no deviations from any emission limitations (emission limit, operating limit, opacity limit, and visible emission limit) that apply to the facility and there were no deviations from the applicable requirements for work practice standards in Table 4 to 40 CFR 63, Subpart WWWW. If there were no periods during which the CMS, including CEMS, and operating parameter monitoring systems, was out of control as

specified in 40 CFR 63.8(c)(7), Subpart A, the report must also contain a statement that there were no periods during which the CMS was out of control during the reporting period

- (b) The information in Condition 5.C.6 (e) and (f) if the facility has a deviation from any emission limitation (emission limit, operating limit, or work practice standard) during the reporting period.

Unless the DEQ has approved a different schedule for submission of reports under 40 CFR 63.10(a), Subpart A, the permittee shall submit each report by the date specified in Table 14 to 40 CFR 63, Subpart WWWW and according to paragraphs (c) through (g) of this condition.

- (c) The first compliance report must cover the initial startup date and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after initial startup.
- (d) The first compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the first calendar half after initial startup.
- (e) Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
- (f) Each subsequent compliance report 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.

(Ref.: 40 CFR 63.5910(a) and (b), 63.5800, Item 4 of Table 2 to Subpart WWWW, Subpart WWWW)

5.B.6 For Emission Points AA-001, AA-002, and AA-003, the permittee shall submit semiannual reports, in accordance with Condition 5.A.4. The compliance 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 are no deviations from any organic HAP emissions limitations (emissions limit and operating limit) that apply to the facility, and there are no deviations from the requirements for work practice standards in Condition 3.D.1, a statement that there were no deviations from the organic HAP emissions limitations or work practice standards during the reporting period.

For each deviation from an organic HAP emissions limitation or operating limit and for each deviation from the requirements for work practice standards, the compliance report must contain the information in paragraphs (a) through (c), (e), and (f) of this condition.

- (e) The total operating time of each affected source during the reporting period.
- (f) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

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

- 5.B.7 For Emission Points AA-001, AA-002, and AA-003, the permittee shall state in the compliance report if the compliance options have changed since the previous compliance report.

(Ref.: 40 CFR 63.5910(i), Subpart WWWW)

- 5.B.8 For Emission Points AA-001, AA-002, and AA-003, the permittee shall submit to the EPA semiannual compliance reports of the information required in 40 CFR 63.5910(c), (d), (e), (f), and (i) upon startup.

The permittee shall submit all subsequent reports to the EPA via CEDRI, which can be accessed through the EPA's CDX (<https://cdx.epa.gov/>). **These reports shall also be submitted directly to the DEQ.** You must use the appropriate electronic report template on the CEDRI website (<https://www.epa.gov/electronic-reporting-air-emissions/compliance-and-emissions-data-reporting-interface-cedri>) for this subpart. The report must be submitted by the deadline specified in this subpart, regardless of the method

in which the report is submitted. If you claim some of the information required to be submitted via CEDRI is CBI, submit a complete report, including information claimed to be CBI, to the EPA. The report must be generated using the appropriate form on the CEDRI website or an alternate electronic file consistent with the XML schema listed on the CEDRI website. Submit the file on a compact disc, flash drive, or other commonly used electronic storage medium and clearly mark the medium as CBI. Mail the electronic medium to U.S. EPA/OAQPS/CORE CBI Office, Attention: Group Leader, Measurement Policy Group, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same file with the CBI omitted must be submitted to the EPA via the EPA's CDX as described earlier in this condition.

The permittee may assert a claim of EPA system outage for failure to timely comply with the reporting requirement. To assert a claim of EPA system outage, you must meet the requirements outlined in (a) through (g) of this condition.

- (a) The permittee must have been or will be precluded from accessing CEDRI and submitting a required report within the time prescribed due to an outage of either the EPA's CEDRI or CDX systems.
- (b) The outage must have occurred within the period of time beginning five business days prior to the date that the submission is due.
- (c) The outage may be planned or unplanned.
- (d) The permittee must submit notification to the EPA in writing as soon as possible following the date you first knew, or through due diligence should have known, that the event may cause or has caused a delay in reporting.

The permittee must provide to the EPA a written description identifying the date(s) and time(s) when CDX or CEDRI was accessed and the system was unavailable; a rationale for attributing the delay in reporting beyond the regulatory deadline to EPA system outage; measures taken or to be taken to minimize the delay in reporting; and the date by which you propose to report, or if you have already met the reporting requirement at the time of the notification, the date you reported.

The permittee may assert a claim of force majeure for failure to timely comply with the reporting requirement. To assert a claim of force majeure, you may submit a claim if a force majeure event is about to occur, occurs, or has occurred or there are lingering effects from such an event within the period of time beginning five business days prior to the date the submission is due. For the purposes of this section, a force majeure event is defined as an event that will be or has been caused by circumstances beyond the control of the affected facility, its contractors, or any entity controlled by the affected facility that prevents you from complying with the requirement to submit a report electronically within the time period prescribed. Examples of such events are acts of nature (*e.g.*, hurricanes, earthquakes, or floods), acts of war or terrorism, or equipment failure or safety hazard beyond the control of the affected facility (*e.g.*, large scale power outage). The permittee must submit notification to the EPA in writing as soon as possible following the date you first knew, or through due diligence should have known, that the event may cause or has caused a delay in reporting. The permittee must provide to the EPA: a written description of the force majeure event; a rationale for attributing the delay in reporting beyond the regulatory deadline to the force majeure event; a description of measures taken or to be taken to minimize the delay in reporting; and the date by which you propose to report, or if you have already met the reporting requirement at the time of the notification, the date you reported. The decision to accept the claim of force majeure and allow an extension to the reporting deadline is solely within the discretion of the EPA. In any circumstance, the reporting must occur as soon as possible after the force majeure event occurs.

(Ref.: 40 CFR 63.5912(c), (d), (e), and (f), Subpart WWW)

5.B.9 For Emission Point AB-001, the permittee shall submit the following notifications:

- (a) Applicable notifications in 40 CFR 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h) by the dates specified in those sections, except as provided in paragraphs (b) and (c) of this condition.
- (b) The permittee shall submit the initial notification required by 40 CFR 63.9(b), Subpart A no later than 120 days after initial startup.

- (c) The permittee shall submit the notification of compliance status required by 40 CFR 63.9(h), Subpart A no later than 30 calendar days following the end of the initial compliance period described in Condition 5.B.14 and 5.B.17. The notification of compliance status must contain the information specified in paragraphs (c)(1) through (c)(11) of this condition and in 40 CFR 63.9(h), Subpart A.
- (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 the report and beginning and ending dates of the reporting period. The reporting period is the initial compliance period described in in Condition 5.B.14 and 5.B.17.
  - (4) Identification of the compliance option or options specified in Condition 5.B.8 that the facility used on each coating operation in the affected source during the initial compliance period.
  - (5) Statement of whether or not the affected source achieved the emission limitations for the initial compliance period.
  - (6) If the permittee had a deviation, include the information in paragraphs (c)(6)(i) and (ii) of this section.
    - (i) A description and statement of the cause of the deviation.
    - (ii) If the permittee failed to meet the applicable emission limit in Condition 3.B.7, include all the calculations the permittee used to determine the kg (lb) of organic HAP emitted per liter (gal) coating solids used. The permittee does not need to submit information provided by the materials' suppliers or manufacturers, or test reports.
  - (7) For each of the data items listed in paragraphs (c)(7)(i) through (iv) of this paragraph that is required by the compliance option(s) the permittee used to demonstrate compliance with the emission limit, include an example of how the permittee determined the value, including calculations and supporting data.



Supporting data may include a copy of the information provided by the supplier or manufacturer of the example coating or material, or a summary of the results of testing conducted according to Condition 5.B.15(a), (b), or (c) (40 CFR 63.3941(a), (b), or (c), Subpart M MMM). The permittee does not need to submit copies of any test reports.

- (i) Mass fraction of organic HAP for one coating, for one thinner and/or other additive, and for one cleaning material.
  - (ii) Volume fraction of coating solids for one coating.
  - (iii) Density for one coating, one thinner and/or other additive, and one cleaning material, except that if you use the compliant material option, only the example coating density is required.
  - (iv) The amount of waste materials and the mass of organic HAP contained in the waste materials for which you are claiming an allowance in Equation 1 of 40 CFR 63.3951, Subpart M MMM.
- (8) The calculation of kg (lb) of organic HAP emitted per liter (gal) coating solids used for the compliance option(s) you used, as specified in paragraphs (c)(8)(i) through (iii) of this section.
- (i) For the compliant material option, provide an example calculation of the organic HAP content for one coating, using Equation 2 of 40 CFR 63.3941, Subpart M MMM.
  - (ii) For the emission rate without add-on controls option, provide the calculation of the total mass of organic HAP emissions for each month; the calculation of the total volume of coating solids used each month; and the calculation of the 12-month organic HAP emission rate using Equations 1 and 1A through 1C, 2, and 3, respectively, of 40 CFR 63.3951, Subpart M MMM.

(Ref.: 40 CFR 63.3912(a), (b), (c)(1) through (c)(8)(ii), Subpart M MMM)

5.B.10 For Emission Point AB-001, the permittee shall submit semiannual compliance reports, in accordance with Condition 5.A.4, for the affected source according to the following requirements:

- (a) The first semiannual compliance report must cover the first semiannual reporting period which begins the day after the end of the initial compliance period described in 40 CFR 63.3940 or 63.3950, Subpart MMMM that applies to the affected source and ends on June 30 or December 31, whichever date is the first date following the end of the initial compliance period.
- (b) Each subsequent semiannual compliance report must cover the subsequent semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
- (c) Each semiannual compliance report 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.

(Ref.: 40 CFR 63.3920(a)(1)(i) through (iii), Subpart MMMM)

5.B.11 For Emission Point AB-001, the semiannual compliance 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 report and beginning and ending dates of the reporting period. The reporting period is the 6-month period ending on June 30 or December 31. Note that the information reported for each of the 6 months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.
- (d) Identification of the compliance option or options specified in Condition 5.B.8 that you used on each coating operation during the reporting period. If you switched between compliance options during the reporting period, you must report the beginning and ending dates for each option you used.

- (e) If the permittee used the emission rate without add-on controls compliance option (Condition 5.B.7), the calculation results for each rolling 12-month organic HAP emission rate during the 6-month reporting period.

(Ref.: 40 CFR 63.3920(a)(3)(i) through (v), Subpart M MMM)

- 5.B.12 For Emission Point AB-001, if there were no deviations from the emission limitations in Condition 3.B.7, the semiannual compliance report must include a statement that there were no deviations from the emission limitations during the reporting period.

(Ref.: 40 CFR 63.3920(a)(4), Subpart M MMM)

- 5.B.13 For Emission Point AB-001, if the permittee selects the compliant material compliance option and there was a deviation from the applicable organic HAP content requirements in Condition 3.B.7, the semiannual compliance report must contain the following information:

- (a) Identification of each coating used that deviated from the applicable emission limit, and each thinner and/or other additive, and cleaning material used that contained organic HAP, and the dates, time and duration each was used.
- (b) The calculation of the organic HAP content (using Equation 2 of 40 CFR 63.3941, Subpart M MMM) for each coating identified in paragraph (a). The permittee does not need to submit background data supporting this calculation (*e.g.*, information provided by coating suppliers or manufacturers, or test reports).
- (c) The determination of mass fraction of organic HAP for each thinner and/or other additive, and cleaning material identified in paragraph (a). The permittee does not need to submit background data supporting this calculation (*e.g.*, information provided by material suppliers or manufacturers, or test reports).
- (d) A statement of the cause of each deviation (including unknown cause, if applicable).
- (e) The number of deviations and, for each deviation, a list of the affected source or equipment, an estimate of the quantity of each regulated pollutant emitted over the emission limit of Condition 3.B.7 a description of the method used to estimate the emissions, and the actions taken to minimize emissions in accordance with Condition 3.B.8.

(Ref.: 40 CFR 63.3920(a)(5), Subpart MMMM)

5.B.14 For Emission Point AB-001, if the permittee selects the emission rate without add-on controls compliance option and there was a deviation from the applicable organic HAP content requirements in Condition 3.B.7, the semiannual compliance report must contain the following information:

- (a) The beginning and ending dates of each compliance period during which the 12-month organic HAP emission rate exceeded the applicable emission limit in Condition 3.B.7.
- (b) The calculations used to determine the 12-month organic HAP emission rate for the compliance period in which the deviation occurred. The permittee submit the calculations for Equations 1, 1A through 1C, 2, and 3 of 40 CFR 63.3951, Subpart MMMM; and if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.3951(e)(4), Subpart MMMM. The permittee does not need to submit background data supporting these calculations (*e.g.*, information provided by materials suppliers or manufacturers, or test reports).
- (c) A statement of the cause of each deviation (including unknown cause, if applicable).
- (d) The number of deviations and, for each deviation, the date, time, duration, a list of the affected source or equipment, an estimate of the quantity of each regulated pollutant emitted over any applicable emission limit in Condition 3.B.7, a description of the method used to estimate the emissions, and the actions you took to minimize emissions in accordance with Condition 3.B.8.

(Ref.: 40 CFR 63.3920(a)(6), Subpart MMMM)

5.B.15 For Emission Point AB-001, the permittee shall submit the initial notifications required in 40 CFR 63.9(b), Subpart A and the notification of compliance status required in 40 CFR 63.9(h), Subpart A and 63.3910(c) to the EPA via the CEDRI. **These reports shall also be submitted directly to the DEQ.** The CEDRI interface can be accessed through the EPA's CDX (<https://cdx.epa.gov/>). The permittee shall upload to CEDRI an electronic copy of each applicable notification in portable document format (PDF). The applicable notification must be submitted by the deadline specified in this subpart, regardless of the method in

which the reports are submitted. Permittees who claim that some of the information required to be submitted via CEDRI is CBI shall submit a complete report generated using the appropriate form in CEDRI or an alternate electronic file consistent with the XML schema listed on the EPA's CEDRI website, including information claimed to be CBI, on a compact disc, flash drive, or other commonly used electronic storage medium to the EPA. The electronic medium shall be clearly marked as CBI and mailed to U.S. EPA/OAQPS/CORE CBI Office, Attention: Group Leader, Measurement Policy Group, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same file with the CBI omitted shall be submitted to the EPA via the EPA's CDX as described earlier in this paragraph.

(Ref.: 40 CFR 63.3920(e), Subpart MMMM)

- 5.B.16 For Emission Point AB-001, the permittee shall submit the semiannual compliance report required in paragraph (a) of 40 CFR 63.3920, Subpart MMMM to the EPA via the CEDRI. **These reports shall also be submitted directly to the DEQ.** The CEDRI interface can be accessed through the EPA's CDX (<https://cdx.epa.gov/>). The permittee shall use the appropriate electronic template on the CEDRI website for Subpart MMMM or an alternate electronic file format consistent with the XML schema listed on the CEDRI website (<https://www.epa.gov/electronic-reporting-air-emissions/compliance-and-emissions-data-reporting-interface-cedri>). The date report templates become available will be listed on the CEDRI website. If the reporting form for the semiannual compliance report specific to Subpart MMMM is not available in CEDRI at the time that the report is due, the permittee must submit the report to the EPA at the appropriate addresses listed in 40 CFR 63.13, Subpart A. Once the form has been available in CEDRI for 1 year, the permittee must begin submitting all subsequent reports via CEDRI. The reports must be submitted by the deadlines specified in Subpart MMMM, regardless of the method in which the reports are submitted. Permittees who claim that some of the information required to be submitted via CEDRI is CBI shall submit a complete report generated using the appropriate form in CEDRI or an alternate electronic file consistent with the XML schema listed on the EPA's CEDRI website, including information claimed to be CBI, on a compact disc, flash drive, or other commonly used electronic storage medium to the EPA. The electronic medium shall be clearly marked as CBI and mailed to U.S. EPA/OAQPS/CORE CBI Office,

Attention: Group Leader, Measurement Policy Group, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same file with the CBI omitted shall be submitted to the EPA via the EPA's CDX as described earlier in this paragraph.

If the permittee is required to electronically submit a report through the CEDRI in the EPA's CDX, and due to a planned or actual outage of either the EPA's CEDRI or CDX systems within the period of time beginning 5 business days prior to the date that the submission is due, the permittee will be or are precluded from accessing CEDRI or CDX and submitting a required report within the time prescribed, the permittee may assert a claim of the EPA system outage for failure to timely comply with the reporting requirement. The permittee shall submit notification to the EPA in writing as soon as possible following the date the permittee first knew, or through due diligence should have known, that the event may cause or caused a delay in reporting. The permittee shall provide to the EPA a written description identifying the date, time, and length of the outage; a rationale for attributing the delay in reporting beyond the regulatory deadline to the EPA system outage; describe the measures taken or to be taken to minimize the delay in reporting; and identify a date by which the permittee proposes to report, or if the permittee has already met the reporting requirement at the time of the notification, the date the permittee reported. In any circumstance, the report must be submitted electronically as soon as possible after the outage is resolved. The decision to accept the claim of the EPA system outage and allow an extension to the reporting deadline is solely within the discretion of the EPA.

If the permittee is required to electronically submit a report through CEDRI in the EPA's CDX and a force majeure event is about to occur, occurs, or has occurred or there are lingering effects from such an event within the period of time beginning 5 business days prior to the date the submission is due, the permittee may assert a claim of force majeure for failure to timely comply with the reporting requirement. For the purposes of this section, a force majeure event is defined as an event that will be or has been caused by circumstances beyond the control of the affected facility, its contractors, or any entity controlled by the affected facility that prevents the permittee from complying with the requirement to submit a report electronically within the time period prescribed. Examples

of such events are acts of nature (*e.g.*, hurricanes, earthquakes, or floods), acts of war or terrorism, or equipment failure or safety hazard beyond the control of the affected facility (*e.g.*, large scale power outage). If the permittee intends to assert a claim of force majeure, the permittee must submit notification to the EPA in writing as soon as possible following the date the permittee first knew, or through due diligence should have known, that the event may cause or caused a delay in reporting. The permittee must provide to the EPA a written description of the force majeure event and a rationale for attributing the delay in reporting beyond the regulatory deadline to the force majeure event; describe the measures taken or to be taken to minimize the delay in reporting; and identify a date by which the permittee proposes to report, or if the permittee has already met the reporting requirement at the time of the notification, the date the permittee reported. In any circumstance, the reporting must occur as soon as possible after the force majeure event occurs. The decision to accept the claim of force majeure and allow an extension to the reporting deadline is solely within the discretion of the EPA.

(Ref.: 40 CFR 63.3920(f), (g), and (h), Subpart MMMM)

## 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;
  - (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
lb/hr	Pounds per Hour
M or K	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBTUH	Million British Thermal Units per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emissions Standards for Hazardous Air Pollutants, 40 CFR 61 or National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63
NMVOC	Non-Methane Volatile Organic Compounds
NO <sub>x</sub>	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM <sub>10</sub>	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 <sub>2</sub>	Sulfur Dioxide
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOC	Volatile Organic Compound