

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

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Structural Steel Services Inc., Plants 1 & 2, Plant 3, and Plant 6
6210/6215 Saint Louis Street (Plants 1 and 2)
533 65th Avenue (Plant 3)
3232 Officers Lake Road (Plant 6)
Meridian, Mississippi
Lauderdale County

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

Permit Issued: October 12, 2017

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD



AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Expires: September 30, 2022

Permit No.: 1460-00044

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APPENDIX A LIST OF ABBREVIATIONS USED IN THIS PERMIT

RELEVANT DOCUMENTS:

DOCUMENT 1: 40 CFR PART 63, SUBPART Mmmm – NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SURFACE COATING OF MISCELLANEOUS METAL PARTS AND PRODUCTS

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).) 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).)
 - (c) 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.)
 - (d) 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 51.166; 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 51.166;
 - (e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Subpart I or 40 CFR 51.166; or
 - (f) any change in ownership of the stationary source.

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

- 1.21 Any change in ownership or operational control must be approved by the Permit Board. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.D(4).)
- 1.22 This permit is a Federally approved operating permit under Title V of the Federal Clean Air Act as amended in 1990. All terms and conditions, including any designed to limit the source's potential to emit, are enforceable by the Administrator and citizens under the Federal Act as well as the Commission. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.B(1).)
- 1.23 Except as otherwise specified or limited herein, the open burning of residential, commercial, institutional, or industrial solid waste, is prohibited. This prohibition does not apply to infrequent burning of agricultural wastes in the field, silvicultural wastes for forest management purposes, land-clearing debris, debris from emergency clean-up operations, and ordnance. Open burning of land-clearing debris must not use starter or auxiliary fuels which cause excessive smoke (rubber tires, plastics, etc.); must not be performed if prohibited by local ordinances; must not cause a traffic hazard; must not take place where there is a High Fire Danger Alert declared by the Mississippi Forestry Commission or Emergency Air Pollution Episode Alert imposed by the Executive Director and must meet the following buffer zones.
- (a) Open burning without a forced-draft air system must not occur within 500 yards of an occupied dwelling.
 - (b) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.
 - (c) Burning must not occur within 500 yards of commercial airport property, private air fields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator.

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

- 1.24 Except as otherwise specified herein, the permittee shall be subject to the following provision with respect to emergencies:
- (a) Except as otherwise specified herein, an "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.
 - (b) An emergency constitutes an affirmative defense to an action brought for

noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.

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

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

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

- (a) Upsets (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
 - (1) For an upset, the Commission may pursue an enforcement action for noncompliance with an emission standard or other requirement of an applicable rule, regulation, or permit. In determining whether to pursue enforcement action, and/or the appropriate enforcement action to take, the Commission may consider whether the source has demonstrated through properly signed contemporaneous operating logs or other relevant evidence the following:
 - (i) An upset occurred and that the source can identify the cause(s) of the upset;

- (ii) The source was at the time being properly operated;
 - (iii) During the upset the source took all reasonable steps to minimize levels of emissions that exceeded the emission standard or other requirement of an applicable rule, regulation, or permit;
 - (iv) That within 5 working days of the time the upset began, the source submitted a written report to the Department describing the upset, the steps taken to mitigate excess emissions or any other noncompliance, and the corrective actions taken and;
 - (v) That as soon as practicable but no later than 24 hours of becoming aware of an upset that caused an immediate adverse impact to human health or the environment beyond the source boundary or caused a general nuisance to the public, the source provided notification to the Department.
- (2) In any enforcement proceeding by the Commission, the source seeking to establish the occurrence of an upset has the burden of proof.
 - (3) This provision is in addition to any upset provision contained in any applicable requirement.
 - (4) These upset provisions apply only to enforcement actions by the Commission and are not intended to prohibit EPA or third party enforcement actions.
- (b) Startups and Shutdowns (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
- (1) Startups and shutdowns are part of normal source operation. Emission limitations apply during startups and shutdowns unless source specific emission limitations or work practice standards for startups and shutdowns are defined by an applicable rule, regulation, or permit.
 - (2) Where the source is unable to comply with existing emission limitations established under the State Implementation Plan (SIP) and defined in this regulation, 11 Mississippi Administrative Code, Part 2, Chapter 1, the Department will consider establishing source specific emission limitations or work practice standards for startups and shutdowns. Source specific emission limitations or work practice standards established for startups and shutdowns are subject to the requirements prescribed in 11 Miss. Admin. Code Pt. 2, R. 1.10.B(2)(a) through (e).
 - (3) Where an upset as defined in Rule 1.2 occurs during startup or shutdown, see

the upset requirements above.

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

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

SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
AA-000	Structural Steel Services Plant 1 (6210 St. Louis Street) and Plant 2 (6215 St. Louis Street)
AA-001	Plants 1 and 2 Surface Coating Operations
AA-002	Plants 1 and 2 Abrasive Blasting Operations – includes, but is not limited to, six (6) shot blasters. The emissions from each unit are controlled using an associated baghouse
AA-003	Plant 2 Metal Working Operations – includes, but is not limited to, one (1) metal cutting machine. The emissions from this unit are controlled using an associated baghouse
AB-000¹	Structural Steel Plant 3 (533 65th Avenue; formerly Permit No. 1460-00037)
AB-001	Plant 3 Surface Coating Operations
AB-002	Plant 3 Abrasive Blasting Operations – includes, but is not limited to, one (1) shot blaster. The emissions from this unit are controlled using an associated baghouse
AC-000	Structural Steel Plant 6 (3232 Officers Lake Road; formerly Permit No. 1460-00114)
AC-001	Plant 6 Surface Coating Operations
AC-002 ²	Plant 6 Abrasive Blasting Operations – includes, but is not limited to, one (1) shot blaster. The emissions from this unit are controlled using an associated baghouse

- (1) Plant 3 is currently not operational; however, at the request of the permittee, this emission point has been left in the permit to allow the facility the long term flexibility to resume operations at the site in the future.
- (2) The shot blaster and baghouse associated with Emission Point AC-002 was recently removed from operation; however, at the request of the permittee, the emission point has been left in the permit to allow the facility the long term flexibility to resume operating this equipment at the site in the future.

SECTION 3. EMISSION LIMITATIONS & STANDARDS

A. Facility-Wide Emission Limitations & Standards

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

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

- 3.A.2 Except as otherwise specified or limited herein, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in Paragraph 3.A.1. This shall not apply to vision obscuration caused by uncombined water droplets. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.B.)

B. Emission Point Specific Emission Limitations & Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
AA-000 AB-000 AC-000	11 Miss. Admin. Code Pt. 2, R. 6.3.A(1). Title V Permit to Operate Issued December 27, 2012	3.B.1	VOC	240.0 tons per year
AA-002 AB-002 AC-002	11 Miss. Admin. Code Pt. 2, R. 6.3.A(1).	3.B.2	PM	240.0 tons per year
AA-002 AA-003 AB-002 AC-002	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.B.3	PM <i>(filterable only)</i>	$E = 4.1 \cdot p^{0.67}$
AA-001 AB-001 AC-001	40 CFR Part 63, Subpart M (\$63.3881(a)(2) and (b))	3.B.4	HAP	Applicability
	40 CFR Part 63, Subpart M (\$63.3890(b)(1) and 63.3900(a)(1))	3.B.5		0.31kg (2.6 lb) organic HAP/liter (gal) of coating solids
	40 CFR Part 63, Subpart M (\$63.3900(b))	3.B.6		General Operating Requirement

3.B.1 For Emission Points AA-000, AB-000, and AC-000, the permittee shall limit the combined emissions of volatile organic compounds (VOC) from all three facilities to no more than 240.0 tons per year for each consecutive 12-month period on a rolling basis. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(1). and Title V Permit to Operate Issued December 27, 2012)

3.B.2 For Emission Points AA-002, AB-002, and AC-002, the permittee shall limit the combined emissions of particulate matter (PM) from all three facilities to no more than 240.0 tons per year for each consecutive 12-month period on a rolling basis. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(1).)

3.B.3 For Emission Points AA-002, AA-003, AB-002, and AC-002, the permittee shall limit the combined emissions of Particulate Matter (PM) from all three facilities to no more than the rate determined by the following relationship:

$$E = 4.1 \cdot p^{0.67}$$

where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).)

- 3.B.4 Emission Points AA-001, AB-001, and AC-001 are existing surface coating operations of miscellaneous metal parts located at a major source of hazardous air pollutants (HAP) that use ≥ 946 liters (250 gal)/yr of HAP containing coatings. As such, these emission points are subject to and shall comply with all applicable requirements of 40 CFR Part 63, Subpart M – National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products. For the purpose of this subpart, the coating operations are considered part of the general use coating subcategory. (Ref.: 40 CFR 63.3881(a)(2) and (b))
- 3.B.5 For Emission Points AA-001, AB-001, and AC-001, the permittee shall limit the emissions of organic HAP to no more than 0.31 kilograms (2.6 pounds) organic HAP per liter (gallon) of coating solids used during each 12-month compliance period. The permittee shall be in compliance with this emission limit at all times. (Ref.: 40 CFR 63.3890(b)(1) and 63.3900(a)(1))
- 3.B.6 For Emission Points AA-001, AB-001, and AC-001, according to the provisions of §63.6(e)(1)(i), the permittee shall operate and maintain the affected sources in a manner consistent with safety and good air pollution control practices for minimizing emissions at all times, including periods of startup, shutdown, and malfunction. (Ref.: 40 CFR 63.3900(b))

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

- 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).)

D. Work Practice Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
<i>This Section Has Been Intentionally Left Blank</i>				

SECTION 4. COMPLIANCE SCHEDULE

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

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

SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

A. General Monitoring, Recordkeeping and Reporting Requirements

- 5.A.1 The permittee shall install, maintain, and operate equipment and/or institute procedures as necessary to perform the monitoring and recordkeeping specified below. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)
- 5.A.2 In addition to the recordkeeping specified below, the permittee shall include with all records of required monitoring information the following:
- (a) the date, place as defined in the permit, and time of sampling or measurements;
 - (b) the date(s) analyses were performed;
 - (c) the company or entity that performed the analyses;
 - (d) the analytical techniques or methods used;
 - (e) the results of such analyses; and
 - (f) the operating conditions existing at the time of sampling or measurement.
- (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(1).)
- 5.A.3 Except where a longer duration is specified in an applicable requirement, the permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(2).)
- 5.A.4 Except as otherwise specified herein, the permittee shall submit reports of any required monitoring by July 31 and January 31 for the preceding six-month period. All instances of deviations from permit requirements must be clearly identified in such reports and all required reports must be certified by a responsible official consistent with 11 Miss. Admin. Code Pt. 2, R. 6.2.E. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)
- 5.A.5 Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) days of the time the deviation began. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(2).)

- 5.A.6 Except as otherwise specified herein, the permittee shall perform emissions sampling and analysis in accordance with EPA Test Methods and with any continuous emission monitoring requirements, if applicable. All test methods shall be those versions or their equivalents approved by the DEQ and the EPA. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)
- 5.A.7 The permittee shall maintain records of any alterations, additions, or changes in equipment or operation. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

B. Specific Monitoring and Recordkeeping Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AA-000 AB-000 AC-000	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.1	VOC	Quality and quantity of all VOC containing material used and emitted
AA-002 AB-002 AC-002	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.2	PM	Amount and type of all abrasive blasting media used
AA-001 AB-001 AC-001	40 CFR Part 63, Subpart M (§§63.3891(a) and (b))	5.B.3	HAP	Compliance Demonstration Options
	40 CFR Part 63, Subpart M (§§63.3942 and 63.3952)	5.B.4		Demonstration of continuous compliance
	40 CFR Part 63, Subpart M (§§63.3930(a), (b), (c)(1)-(3), (d), (e), (f),(g), (h), and (j))	5.B.5		Recordkeeping requirements
	40 CFR Part 63, Subpart M (§§63.3931)	5.B.6		

- 5.B.1 For Emission Points AA-000, AB-000, and AC-000, in order to demonstrate compliance with Condition 3.B.1, the permittee shall determine for each coating, adhesive, solvent or other VOC containing material used:
- (a) Quantity used (lb or gal);
 - (b) The percentage of VOC and VOHAP by weight;
 - (c) The density (lb/gal), unless material usages are measured in lbs;
 - (d) The permittee may utilize data supplied by the manufacturer, or by analysis of VOC and VOHAP content by EPA Test Method 24, 40 CFR Part 60, Appendix A; and
 - (e) The permittee shall calculate the VOC and VOHAP emissions from the use of these materials each month and compare the emissions to those allowed under condition 3.B.1 using a 12-month rolling total.

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

- 5.B.2 For Emission Points AA-002, AB-002, and AC-002, in order to demonstrate compliance with Condition 3.B.2, the permittee shall monitor and record the type and quantity of abrasive blasting media used on a monthly basis and for each consecutive 12-month period on a rolling basis. The permittee shall also calculate and record the total particulate emissions, in tons per year, on a monthly basis and for each consecutive 12-month period on a rolling basis. The permittee may utilize data supplied by the manufacturer, analysis of PM emissions by EPA Test Methods 1-5, found in 40 CFR Part 60, Appendix A, and/or an alternative test method which has been approved by the MDEQ. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)
- 5.B.3 For Emission Points AA-001, AB-001, and AC-001, the permittee shall demonstrate compliance with the emission limitation in Condition 3.B.5 using either option (a) or (b) below. All coatings (as defined in §63.3981), thinners and/or other additives, and cleaning materials used-at the affected source shall be included in the demonstration.
- (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 emission limitation in Condition 3.B.5, 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.4(a) to demonstrate compliance with the emission limitation 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 emission limitation in Condition 3.B.5, calculated as a rolling 12-month emission rate and determined on a monthly basis. The permittee shall meet all the requirements of Condition 5.B.4(b) to demonstrate compliance with the emission limitation using this option.

The permittee may apply either of the above 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.

(Ref.: 40 CFR 63.3891(a) and (b))

- 5.B.4 For Emission Points AA-001, AB-001, and AC-001, the permittee shall demonstrate continuous compliance with the emission limitation in Condition 3.B.5 during each compliance period using either option (a) or (b) below. A compliance period consists of 12 months. Each month is the end of a compliance period consisting of that month and the preceding 11 months. Failure to meet the requirements of either option (a) or (b) is a deviation from the emission limitation.

- (a) Compliant Materials Option - For each compliance period, the permittee shall use no coating for which the organic HAP content, determined using Equation 1 below, exceeds the emission limitation in Condition 3.B.5.

(Equation 1) $H_c = ((D_c)(W_c))/V_s$

Where: H_c = Organic HAP content of the coating, kg organic HAP emitted per liter (gal) coating solids used

D_c = Density of coating, kg coating per liter (gal) coating, determined according to §63.3941(c)

W_c = Mass fraction of organic HAP in the coating, kg organic HAP per kg coating, determined according to §63.3941(a)

V_s = Volume fraction of coating solids, liter (gal) coating solids per liter (gal) coating, determined according to §63.3941(b)

Furthermore, the permittee shall use no thinner and/or other additive, or cleaning material that contains organic HAP, determined according to §63.3941(a).

- (b) Emission Rate Without Add-On Controls Option - The organic HAP emission rate for each compliance period, determined according to §63.3951(a) through (g), must be less than or equal to the emission limitation in Condition 3.B.5. The permittee shall perform the calculations in §63.3951(a) through (g) on a monthly basis using data from the previous 12 months of operation.

(Ref.: 40 CFR 63.3942 and 63.3952)

5.B.5 For Emission Points AA-001, AB-001, and AC-001, the permittee shall collect and keep records of the data and information specified in paragraphs (a) through (i) below. Failure to collect and keep these records is considered a deviation.

- (a) A copy of each notification and report submitted to comply with 40 CFR 63, Subpart MMMM and the documentation supporting each notification and report. The permittee shall also keep records of any data used in the calculation of the facility-specific emission limitation for each 12-month compliance period included in the semi-annual compliance reports.
- (b) A 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 the permittee conducted testing to determine mass fraction of organic HAP, density, or volume fraction of coating solids, 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. It is not required to obtain the test report or other supporting documentation from the manufacturer or supplier.
- (c) For each compliance period, the records specified in (1) through (3) below.

- (1) A record of the coating operations on which each compliance option was used and the time periods (beginning and ending dates and times) for each option used.
 - (2) For the compliant material option, a record of the calculation of the organic HAP content for each coating, using Equation 1 of Condition 5.B.4(a).
 - (3) 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 §63.3951; and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to §63.3951(e)(4); the calculation of the total volume of coating solids used each month using Equation 2 of §63.3951; and the calculation of each 12-month organic HAP emission rate using Equation 3 of §63.3951.
- (d) A record of the name and volume of each coating, thinner and/or other additive, and cleaning material used during each compliance period. If the permittee is using the compliant material option for all coatings at the source, the permittee may maintain purchase records for each material used rather than a record of the volume used.
 - (e) 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.
 - (f) A record of the volume fraction of coating solids for each coating used during each compliance period.
 - (g) If using an allowance in Equation 1 of §63.3951 for organic HAP contained in waste materials sent to or designated for shipment to a treatment, storage, and disposal facility (TSDF) according to §63.3951(e)(4), keep records of the information specified in (1) through (3) below.
 - (1) The name and address of each TSDF to which waste materials were sent when using an allowance in Equation 1 of §63.3951; a statement of which subparts under 40 CFR parts 262, 264, 265, and 266 apply to the permittee; and the date of each shipment.
 - (2) Identification of the coating operations producing waste materials included in each shipment and the month or months in which the allowance for these materials in Equation 1 of §63.3951 was used.

- (3) The methodology used in accordance with §63.3951(e)(4) to determine the total amount of waste materials sent to or the amount collected, stored, and designated for transport to a TSDF each month; and the methodology to determine the mass of organic HAP contained in these waste materials. This must include the sources for all data used in the determination, methods used to generate the data, frequency of testing or monitoring, and supporting calculations and documentation, including the waste manifest for each shipment.
 - (h) If using the emission rate without add-on controls compliance option, the density for each coating, thinner and/or other additive, and cleaning material used during each compliance period.
 - (i) The date, time, and duration of each deviation.
- (Ref.: 40 CFR 63.3930(a), (b), (c)(1)-(3), (d), (e), (f), (g), (h), and (j))

5.B.6 For Emission Points AA-001, AB-001, and AC-001, the permittee shall keep all records in a form readily available for review. The records shall be kept for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. Each record shall be kept on site for a minimum of 2 years after the event and may be kept off site for the remaining 3 years. (Ref.: 40 CFR 63.10(b)(1) and 63.3931)

C. Specific Reporting Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
AA-000 AB-000 AC-000	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.C.1	VOC	Semiannual reporting requirement
AA-002 AB-002 AC-002	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.C.2	PM	Semiannual reporting requirement
AA-001 AB-001 AC-001	40 CFR Part 63, Subpart M (§§63.3920(a)(1)-(6), 63.3942(c), and 63.3952(c))	5.C.3	HAP	Reporting requirements

- 5.C.1 For Emission Points AA-000, AB-000, and AC-000, the permittee shall submit semiannual reports providing the following information:
- (a) Identification of and the total quantity used of each coating, adhesive, solvent, or other VOC containing material used on a monthly basis and in any consecutive 12-month period on a rolling basis.

- (b) The VOC content(s) of each coating, adhesive, solvent or other VOC containing material used. A description of the method used to determine the VOC content shall accompany this data.
- (c) The density of each coating, adhesive, solvent or other VOC containing material, unless material usages are measured in lbs.
- (d) The total gallons of each coating, solvent or other VOC containing material used in any consecutive 12-month period on a rolling basis.
- (e) The total VOC emission rate in tons/year for each consecutive 12-month period on a rolling basis.
- (f) The report shall be submitted no later than 30 days from the semi-annual periods ending June 30 and December 31.

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

5.C.2 For Emission Points AA-002, AB-002, and AC-002, the permittee shall submit semiannual reports providing the following information:

- (a) Identification of and the total quantity used of each abrasive blasting media used on a monthly basis and in any consecutive 12-month period on a rolling basis.
- (b) The total PM emission rate in tons/year for each consecutive 12-month period on a rolling basis. A description of the method used to determine the PM emission rate shall accompany this data.
- (c) The report shall be submitted no later than 30 days from the semi-annual periods ending June 30 and December 31.

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

5.C.3 For Emission Points AA-001, AB-001, and AC-001, the permittee shall submit semiannually the applicable information listed in (a) through (f) below in accordance with Condition 5.A.4. The information reported shall be based on the last 12 months of data prior to the date of each monthly calculation.

- (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.
- (d) Identification of the compliance option or options specified in Condition 5.B.2 that the permittee used on each coating operation during the reporting period. If the permittee switched between compliance options during the reporting period, report the beginning and ending dates for each option used.
- (e) If the compliant material option in Condition 5.B.4(a) was used during the reporting period, the additional information listed below shall be included, as applicable.

- (1) If there were no deviations from the emission limitation in Condition 3.B.5, a statement that the coating operation(s) were in compliance with the emission limitation during the reporting period because no coatings for which the organic HAP content exceeded the emission limitation were used, nor was any thinner and/or other additive, or cleaning material that contained organic HAP, determined according to §63.3941(a), used; therefore, there were no deviations from the emission limitation during the reporting period.
 - (2) If there were deviations from the emission limitation in Condition 3.B.5, the report shall include:
 - a. Identification of each coating used that deviated from the applicable emission limitation, and each thinner and/or other additive, and cleaning material used that contained organic HAP, and the dates and time periods each was used.
 - b. The calculation of the organic HAP content (using Equation 1 of Condition 5.B.4(a)) for each coating that was identified in a., above. 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 a., above. 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.
- (f) If the emission rate without add-on controls option in Condition 5.B.4(b) was used during the reporting period, the additional information listed below shall be included, as applicable.
- (1) The calculation results for each rolling 12-month organic HAP emission rate during the 6-month reporting period.
 - (2) If there were no deviations from the emission limitation in Condition 3.B.5, a statement that the coating operation(s) were in compliance with the emission limitation during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the emission limitation in Condition 3.B.5, determined according to §63.3951(a) through (g); therefore, there were no deviations from the emission limitation during the reporting period.
 - (3) If there were deviations from the emission limitation in Condition 3.B.5, the report shall include:

- a. The beginning and ending dates of each compliance period during which the 12-month organic HAP emission rate exceeded the applicable emission limitation listed in Condition 3.B.5.
- b. The calculations used to determine the 12-month organic HAP emission rate for the compliance period in which the deviation occurred. The permittee shall submit the calculations for Equations 1, 1A through 1C, 2, and 3 of §63.3951; and if applicable, the calculation used to determine mass of organic HAP in waste materials according to §63.3951(e)(4). 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.

(Ref.: 40 CFR 63.3920(a)(1)-(6), 63.3942(c), and 63.3952(c))

SECTION 6. ALTERNATIVE OPERATING SCENARIOS

6.1 None permitted.

SECTION 7. TITLE VI REQUIREMENTS

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

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

persons selling class I or class II refrigerants or offering class I or class II refrigerants for sale, and persons purchasing class I or class II refrigerants.

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

APPENDIX A

List of Abbreviations Used In this Permit

11 Miss. Admin. Code Pt. 2, Ch. 1.	Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants
11 Miss. Admin. Code Pt. 2, Ch. 2.	Permit Regulations for the Construction and/or Operation of Air Emissions Equipment
11 Miss. Admin. Code Pt. 2, Ch. 3.	Regulations for the Prevention of Air Pollution Emergency Episodes
11 Miss. Admin. Code Pt. 2, Ch. 4.	Ambient Air Quality Standards
11 Miss. Admin. Code Pt. 2, Ch. 5.	Regulations for the Prevention of Significant Deterioration of Air Quality
11 Miss. Admin. Code Pt. 2, Ch. 6.	Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act
11 Miss. Admin. Code Pt. 2, Ch. 7.	Acid Rain Program Permit Regulations for Purposes of Title IV of the Federal Clean Air Act
BACT	Best Available Control Technology
CEM	Continuous Emission Monitor
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COM	Continuous Opacity Monitor
COMS	Continuous Opacity Monitoring System
DEQ	Mississippi Department of Environmental Quality
EPA	United States Environmental Protection Agency
gr/dscf	Grains Per Dry Standard Cubic Foot
HP	Horsepower
HAP	Hazardous Air Pollutant
lbs/hr	Pounds per Hour
M or K	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBTUH	Million British Thermal Units per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emissions Standards for Hazardous Air Pollutants, 40 CFR 61 or National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63
NMVOG	Non-Methane Volatile Organic Compounds
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM ₁₀	Particulate Matter less than 10 µm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration, 40 CFR 52
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOC	Volatile Organic Compound