STATE OF MISSISSIPPI
AND FEDERALLY ENFORCEABLE
AIR POLLUTION CONTROL

PERMIT

TO OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE

THIS CERTIFIES THAT

ITT Engineered Valves LLC
1110 Bankhead Avenue
Amory, Mississippi
Monroe 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 the Federal Clean Air Act and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), the regulations and standards adopted and promulgated thereunder, and the State Implementation Plan for operating permits for synthetic minor sources.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: November 3, 2020 **Permit No.: 1840-00066**

Effective Date: As specified herein.

Expires: October 31, 2025

Modified: February 20, 2024

4372 PER20230001

Section 1.

A. GENERAL CONDITIONS

1. This permit is for air pollution control purposes only.

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

2. This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.4.D.)

3. Any activities not identified in the application are not authorized by this permit.

   (Ref.: Miss. Code Ann. 49-17-29 1.b)

4. The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(5).)

5. The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(7).)

6. 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 unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(a).)

7. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(c).)

8. The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their authorized representatives, upon the presentation of credentials:

a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit, and

b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emission.

(Ref.: Miss. Code Ann. 49-17-21)

9. Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control.

(Ref.: Miss. Code Ann. 49-17-39)

10. 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. 2.1.D(7).)

11. This permit does not authorize a modification as defined in Regulation 11 Miss. Admin. Code Pt. 2, Ch.2., "Permit Regulations for the Construction and/or Operation of Air Emission Equipment." A modification may require a Permit to Construct and a modification of this permit. Modification is defined as "Any physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:

a. Routine maintenance, repair, and replacement;

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

c. Use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;

d. Use of an alternative fuel or raw material by a stationary source which:

(1) The source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 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 Part 51, 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).)

B. GENERAL OPERATIONAL CONDITIONS

1. 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 Regulation, 11 Miss. Admin. Code Pt. 2, "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.10.)

2. Any diversion from or bypass of collection and control facilities is prohibited, except as provided for in 11 Miss. Admin. Code Pt. 2, R. 1.10., "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants."

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

3. Solids removed in the course of control of air emissions shall be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits.

   (Ref.: Miss. Code Ann. 49-17-29 1.a(i and ii))

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

   a. Upsets

(1) For an upset defined in 11 Miss. Admin. Code Pt. 2, R. 1.2., 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 by 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.)

5. Compliance Testing: Regarding compliance testing:

a. The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time.

b. Compliance testing will be performed at the expense of the permittee.

c. Each emission sampling and analysis report shall include but not be limited to the following:

(1) Detailed description of testing procedures;

(2) Sample calculation(s);

(3) Results; and

(4) Comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.6.B(3), (4), and (6).)

C. PERMIT RENEWAL / MODIFICATION / TRANSFER / TERMINATION

1. For renewal of this permit, the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board. If the applicant submits a timely and complete application pursuant to this paragraph and the Permit Board, through no fault of the applicant, fails to act on the application on or before the expiration date of the existing permit, the applicant shall continue to operate the stationary source under the terms and conditions of the expired permit, which shall remain in effect until final action on the application is taken by the Permit Board. Permit expiration terminates the source's ability to operate unless a timely and complete renewal application has been submitted.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.8.)

2. 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 permit or, for information claimed to be confidential, the permittee shall furnish such records to the 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. 2.2.B(15)(d).)

3. The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. 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. 2.2.B(15)(b).)

4. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to:

   a. Persistent violation of any terms or conditions of this permit.

   b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or

   c. A change in federal, state, or local laws or regulations that require either a temporary or permanent reduction or elimination of previously authorized air emission.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.C.)

5. This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.16.B.)

SECTION 2
EMISSION POINT DESCRIPTION

The permittee is authorized to operate air emissions equipment, as described in the following table.

Emission Point	Description
AA-000	Facility-Wide (ITT Engineered Valves, LLC)
AA-001	Deburring Operations [consists of two (2) deburring areas; emissions are routed to two (2) downdrafts tables with filter cartridges]
AA-002	Abrasive Blasting Operations [consists of a sand or bead blasting unit; equipped with dust collector]
AA-003	Facility-Wide Metal Working Operation • Welding Operations • Plasma Cutter System [equipped with a dust collection system] • Grinding, Polishing, Machining, and Handling Activities
AA-004	Surface Coating Operations [consists of one (1) electrostatic spray booth; equipped with dry filter]
AA-005	Natural Gas-Fired Equipment [consists of thirty-five (35) space heaters and two (2) steam cleaners; total maximum heat input capacity: 4.94 MMBTU / Hour]
AA-006	Storage Tanks [consists of seven (7) 300-gallon coolant tanks]
AA-008	Foam Packing Operations
AA-009	96 HP (60 kW) Natural Gas-Fired (SI) Emergency Generator Engine [Manufacture Date: 2012; total maximum heat input capacity: 0.94 MMBTU / Hour]
AA-010	Plastic Parts Router [equipped with dust collector]
AA-011	Laser Cutting Operations [equipped with dust collector]

SECTION 3
EMISSION LIMITATIONS AND STANDARDS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limitation/Standard
AA-000 (Facility-Wide)	11 Miss. Admin. Code Pt. 2, R. 1.3.A.	3.1	Opacity	≤ 40% (from smoke)
	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.2		≤ 40%
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). **(Title V Avoidance Limit)**	3.3	VOCs	99.0 tpy (12-Month Rolling Total)
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). **(Major Source Avoidance Limit)**	3.4	HAPs	9.90 tpy (Individual) 24.90 tpy (Total) (Rolling 12-Month Totals)
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.5	PM_{10} / $PM_{2.5}$ (filterable)	99.0 tpy (12-Month Rolling Total)
	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.6	PM (filterable)	$E = 4.1(p^{0.67})$
AA-001 AA-002 AA-003 AA-004 AA-010 AA-011	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.7	PM_{10} / $PM_{2.5}$ MFHAPs	Operational Restriction
AA-001 AA-002 AA-003 AA-011	40 CFR Part 63, Subpart XXXXXX – National Emission Standards for Nine Metal Fabrication and Finishing Source Categories 40 CFR 63.11514(a)(9), (b)(1)-(3) and (5), (c), and 63.11523; Subpart XXXXXX	3.8	MFHAP	General Applicability
AA-005 AA-009	11 Miss. Admin. Code Pt. 2, R. 1.4.B(1).	3.9	SO_2	500 Parts Per Million By Volume (ppm_V)
	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.10	PM	0.6 lbs. / MMBTU

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limitation/Standard
AA-008	40 CFR Part 63, Subpart OOOOOO – National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources 40 CFR 63.11414(a); Subpart OOOOOO	3.11	HAPs	General Applicability
	40 CFR 63.11416(c) and (e); Subpart OOOOOO	3.12		Material Usage Restrictions
AA-009	40 CFR Part 63, Subpart ZZZZ – NESHAP for Stationary Reciprocating Internal Combustion Engines 40 CFR 63.6585(a), (c), and 63.6590(c)(1); Subpart ZZZZ	3.13	HAPs	General Applicability
	40 CFR Part 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines 40 CFR 60.4230(a)(4)(iii) and (6); Subpart JJJJ	3.14	NO_X + HC CO	General Applicability
	40 CFR 60.4233(d) and 60.4234; Subpart JJJJ – Table 1	3.15	NO_X + HC	10 g / HP-hr
			CO	387 g / HP-hr
	40 CFR 60.4243(d); Subpart JJJJ	3.16	Operational Requirements	100 Hours / Calendar Year for Maintenance and Readiness Testing; 50 Hours / Calendar Year for Non-Emergency Situations
	40 CFR Part 60.4237(c); Subpart JJJJ	3.17	Hours of Operation	Install Non-Resettable Hour Meter

3.1 For Emission Point AA-000 (Facility-Wide), except as otherwise specified herein, the permittee shall not cause or allow the emission of smoke into the open air from a point source or from any manufacturing / industrial process on-site that exceeds forty (40) percent opacity subject to the following exceptions:

(a) Start-up operations may produce emissions that exceed 40% opacity for up to fifteen (15) minutes per start-up in any one (1) hour and not to exceed three (3) start-ups per stack in any twenty-four (24) hour period.

(b) Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed sixty (60) percent opacity and provided further that the aggregation 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 (1) one hour.

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

3.2 For Emission Point AA-000 (Facility-Wide), the permittee shall not discharge into the ambient air from a point source any contaminant of such opacity as to obscure an observer's view to a degree in excess of 40% opacity. This shall not apply to vision obscuration caused by uncombined water droplets.

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

3.3 For Emission Point AA-000 (Facility-Wide), the permittee shall limit the total emission of volatile organic compounds (VOC) from all applicable sources to no more than 99.0 tpy based on a rolling 12-month total.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

3.4 For Emission Point AA-000 (Facility-Wide), the permittee shall limit the emission of hazardous air pollutants (HAPs) to no more than 9.90 tpy for each individual HAP and no more than 24.90 tpy for all HAPs combined, based on a rolling 12-month total.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

3.5 For Emission Point AA-000 (Facility-Wide), the permittee shall limit the total emission of particulate matter less than 10 microns (PM_{10}) and particulate matter less than 2.5 microns ($PM_{2.5}$) from all applicable sources to no more than 99.0 tpy based on a rolling 12-month total.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

3.6 For Emission Point AA-000 (Facility-Wide), except as otherwise specified herein, the permittee shall not cause or allow the emission of particulate matter (PM) in total quantities in any one (1) hour from any manufacturing process (which includes any associated stacks, vents, outlets, or combinations thereof) to exceed the amount determined by the 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. Conveyer 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).)

3.7 For Emission Points AA-001, AA-002, AA-003, AA-004, AA-010, and AA-011, the permittee shall not operate or perform operations (i.e., deburring, routing, blasting, plasma cutting, surface coating, and laser cutting) without simultaneously operating the corresponding air pollution control device. If a control device malfunctions or stops operating, the permittee shall cease applicable operation until the control device is returned to service.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

3.8 For Emission Points AA-001, AA-002, AA-003, and AA-011, the permittee is subject to 40 CFR Part 63, Subpart XXXXXX – National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories and Subpart A – General Provisions as specified in Table 2 of Subpart XXXXXX. The permittee is specifically subject to the metal finishing hazardous air pollutants (MFHAP) provisions as described in 40 CFR 63.11514(b)(1) – (3) and (5) for the dry grinding and dry polishing, dry abrasive blasting operations, machining operations, and welding operations.

(Ref.: 40 CFR 63.11514(a)(9), (b)(1 – 3) and (5), (c), and 63.11523; Subpart XXXXXX)

3.9 For Emission Points AA-005 and AA-009, except as otherwise provided herein, the permittee shall not cause the emission of gas containing sulfur oxides (measured as sulfur dioxide – SO_2) in excess of 500 parts per million (by volume).

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

3.10 For Emission Points AA-005 and AA-009, except as otherwise specified or limited herein, the maximum emission of ash and/or particulate matter (PM) from each individual process unit shall not exceed 0.6 pounds per MMBTU per hour heat input.

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

3.11 For Emission Point AA-008, the permittee is subject to and shall comply with all applicable requirements found in 40 CFR Part 63, Subpart OOOOOO – National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources.

(Ref.: 40 CFR 63.11414(a); Subpart OOOOOO)

3.12 For Emission Points AA-008, the permittee shall comply with the following material usage requirements:

(a) The permittee shall not use a material containing methylene chloride as an equipment cleaner to flush the mix-head or use a material containing methylene chloride elsewhere as an equipment cleaner in a molded flexible polyurethane foam process;

(b) The permittee shall not use a mold release agent containing methylene chloride in a molded flexible polyurethane foam process; and

(c) The permittee shall not use any adhesive containing methylene chloride in a flexible polyurethane foam fabrication process.

(Ref.: 40 CFR 63.11416(c) and (e); Subpart OOOOOO)

3.13 For Emission Point AA-009, the permittee is subject to and shall comply with all applicable requirements found in 40 CFR Part 63, Subpart ZZZZ – National Emission Standards of Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE).

For the purpose of this condition, Emission Point AA-009 is a new spark-ignition (SI) emergency stationary RICE with a site rating of less than 500 HP located at an area source of HAP emissions. By complying with the applicable requirements of Subpart JJJJ, the permittee shall also be demonstrating compliance with Subpart ZZZZ.

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

3.14 For Emission Point AA-009, the permittee is subject to and shall comply with all applicable requirements found in 40 CFR Part 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines and Subpart A – General Provisions.

(Ref.: 40 CFR 60.4230(a)(4)(iii) and (6); Subpart JJJJ)

3.15 For Emission Point AA-009, the permittee shall comply with the following emission standards:

(a) Nitrogen Oxides and Hydrocarbons (NO_X + HC): 10 grams per horsepower-hour (g / HP-hr); and

(b) Carbon Monoxide (CO): 387 grams per horsepower-hour.

The permittee shall operate and maintain the engine in such a manner to achieve the referenced emission standards over the entire life of the engine.

(Ref.: 40 CFR 60.4233(d) and 60.4234; Subpart JJJJ – Table 1)

3.16 For Emission Point AA-009, any operation of the engine for any reason other than emergency operation, maintenance and testing, and operation in non-emergency situations for fifty (50) hours per year is prohibited. If an engine is not operated in accordance with paragraphs (a) through (c) of this condition, the engine will not be considered an emergency engine under the applicable regulation and shall meet all requirements for a corresponding non-emergency engine.

(a) There is no time limit on the use of emergency stationary RICE in emergency situations.

(b) The permittee may operate an engine for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, or the insurance company accompanied with the engine. Maintenance checks and readiness testing of an engine is limited to a maximum of one hundred (100) hours per calendar year. The permittee may petition the MDEQ for approval of additional hours to be used for maintenance checks and readiness testing. However, a petition is not required if the permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of the engine beyond 100 hours per calendar year.

(c) The emergency engine may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing. Except as specified in 40 CFR 63.4243(d)(3)(i), the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

The permittee shall, at all times, be in compliance with the applicable requirements of Subpart JJJJ and shall operate and maintain the engine in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by Subpart JJJJ have been achieved.

Determination of whether such operation and maintenance procedures are being used will be based on information available to the MDEQ which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

(Ref.: 40 CFR 60.4243(d); Subpart JJJJ)

3.17 For Emission Point AA-009, the permittee shall install and operate a non-resettable hour meter on the engine.

(Ref.: 40 CFR 60.4237(c); Subpart JJJJ)

SECTION 4
WORK PRACTICES

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Work Practice
AA-002 AA-003 AA-004 AA-010 AA-011	11 Miss. Admin. Code Pt. 2, R. 2.2.B.(10).	4.1	PM_{10} / $PM_{2.5}$ (filterable)	Operate and Maintain Dust Control Equipment in Accordance With Manufacturer's Specifications
AA-001	40 CFR 63.11516(c); Subpart XXXXXX	4.2	MFHAPs	Implement Management Practices (Dry Grinding and Dry Polishing)
AA-003 AA-011	40 CFR 63.11516(b); Subpart XXXXXX	4.3	MFHAPs	Implement Management Practices to Minimize Emissions (Machining)
AA-002	40 CFR 63.11516(a)(1); Subpart XXXXXX	4.4	MFHAPs	Implement Management Practices (Enclosed Dry Abrasive Blasting Operations)
	40 CFR 63.11516(a)(2); Subpart XXXXXX	4.5		Implement Management Practices (Vented Dry Abrasive Blasting Operations)
AA-003	40 CFR 63.11516(f)(1) – (2); Subpart XXXXXX	4.6	MFHAPs	Implement Management Practices (Welding Activities)

4.1 For Emission Points AA-002, AA-003, AA-004, AA-010, and AA-011, the permittee shall capture and vent emissions from each unit to the corresponding dust control equipment. The permittee shall demonstrate compliance with this requirement by operating the control device(s) in accordance with the manufacturer's specifications and maintaining a record of the manufacturer's specifications for the dust control equipment, as specified by the requirements in Condition 5.5.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

4.2 For Emission Point AA-001, the permittee shall comply with the following requirements for dry grinding and dry polishing:

(a) The permittee shall capture emissions and vent them to a filtration control device;

(b) The permittee shall implement management practices to minimize the emissions of MFHAP as specified below:

(1) Take measures to minimize the excess dust in the surrounding area to reduce MFHAP emissions;

(2) Operate all equipment associated with the operation of dry grinding and dry polishing with machines, including the filtration control device, according to manufacturer's instructions.

(Ref.: 40 CFR 63.11516(c); Subpart XXXXXX)

4.3 For Emission Points AA-003 and AA-011, the permittee shall implement the following management practices to minimize emissions of metal fabrication hazardous air pollutants (MFHAPs) for each machining operation (i.e. milling, drilling, boring, tapping, planing, broaching, sawing, cutting, shaving, shearing, threading, reaming, shaping, slotting, hobbing, and chamfering):

(a) The permittee shall take the necessary measures to minimize excess dust in the surrounding area to reduce MFHAP emissions (as practicable); and

(b) The permittee shall operate all equipment associated with the applicable machining operation(s) according to manufacturer's instructions.

These requirements do not apply when an applicable machining operation is being performed that does not use any materials containing MFHAPs and does not have the potential to emit MFHAPs.

(Ref.: 40 CFR 63.11516(b); Subpart XXXXXX)

4.4 For Emission Point AA-002, for a dry abrasive blasting operation consisting of an abrasive blasting chamber that is totally enclosed and unvented (as defined in 40 CFR 63.11522; Subpart XXXXXX), the permittee shall implement management practices to minimize emissions of MFHAP as described below:

(a) The permittee shall minimize dust generation during emptying of abrasive blasting enclosures; and

(b) The permittee shall operate all equipment associated with dry abrasive blasting operations according to the manufacturer's instructions.

(Ref.: 40 CFR 63.11516(a)(1); Subpart XXXXXX)

4.5 For Emission Point AA-002, for a dry abrasive blasting operation which has a vent allowing any air or blast material to escape, the permittee shall comply with the following requirements:

(a) The permittee shall capture emissions and vent them to a filtration control device. The permittee shall operate the filtration control device according to manufacturer's instructions and must demonstrate compliance with this requirement by maintaining a record of the manufacturer's specifications for the filtration control devices, as specified by the requirements in Condition 5.13.

(b) The permittee shall implement the management practices to minimize emissions of MFHAP as specified below:

(1) The permittee shall take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable;

(2) The permittee shall enclose dusty abrasive material storage areas and holding bins, seal chutes and conveyors that transport abrasive materials; and

(3) The permittee shall operate all equipment associated with dry abrasive blasting operations according to manufacturer's instructions.

(Ref.: 40 CFR 63.11516(a)(2); Subpart XXXXXX)

4.6 For Emission Point AA-003, for welding operations, the permittee must comply with the following requirements:

(a) The permittee shall operate all equipment, capture, and control devices associated with welding operations according to manufacturer's instructions. The permittee shall demonstrate compliance with this requirement by maintaining a record of the manufacturer's specifications for the capture and control devices, as specified by the requirements in Condition 5.13 of this permit.

(b) The permittee shall implement one or more of the management practices specified below to minimize emissions of MFHAP (as practicable) while maintaining the required welding quality through the application of sound engineering judgment.

(1) Use welding processes with reduced fume generation capabilities [e.g. gas metal arc welding (GMAW) - also called metal inert gas welding (MIG)];

(2) Use welding process variations (e.g. pulsed current GMAW), which can reduce fume generation rates;

(3) Use welding filler metals, shielding gases, carrier gases, or other process materials that are capable of reduced welding fume generation;

(4) Optimize welding process variables (e.g. electrode diameter, voltage, amperage, welding angle, shield gas flow rate, travel speed) to reduce the amount of welding fume generated; and

(5) Use a welding fume capture and control system, operated according to the manufacturer's specifications.

(Ref.: 40 CFR 63.11516(f)(1)-(2); Subpart XXXXXX)

SECTION 5
MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Monitoring/Recordkeeping Requirement
AA-000 (Facility-Wide)	11 Miss. Admin. Code Pt. 2, R. 2.9.	5.1	Recordkeeping	Maintain records for a minimum of 5 years.
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.2	VOCs HAPs PM_{10} / $PM_{2.5}$ (filterable)	Calculate Emissions (Monthly and Rolling 12-Month Totals)
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.3	VOCs HAPs	Maintain Records on Surface Coating Operations
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.4	PM_{10} / $PM_{2.5}$ HAPs	Maintain Records on Abrasive Blasting and Welding Operations
AA-002 AA-003 AA-004 AA-010 AA-011	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.5	PM_{10} / $PM_{2.5}$	Maintain Maintenance Records for Control Devices
AA-003	40 CFR 63.11516(f)(3) and 63.11517(a – b); Subpart XXXXXX	5.6	Opacity	Conduct Visual Determinations of Fugitive Emissions (Welding)
	40 CFR 63.11516(f)(4); Subpart XXXXXX	5.7		Perform Corrective Actions for Fugitive Emissions
	40 CFR 63.11516(f)(5) and 63.11517(c – d); Subpart XXXXXX	5.8		Conduct Visual Determinations of Emissions Opacity (Welding)
	40 CFR 63.11516(f)(6); Subpart XXXXXX	5.9		Perform Corrective Actions for Opacity (0% < Opacity < 20%)
	40 CFR 11516(f)(7 – 8); Subpart XXXXXX	5.10		Prepare (or Revise) a Site-Specific Welding Emissions Management Plan
	40 CFR 63.11519(c)(2); Subpart XXXXXX	5.11		Maintain Information Related to Visual Determinations of Fugitive Emissions
AA-003	40 CFR 63.11519(c)(3); Subpart XXXXXX	5.12		Maintain Information Related to Visual Determinations of Emissions Opacity

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Monitoring/Recordkeeping Requirement
AA-001 AA-002 AA-003	40 CFR 63.11519(c)(4); Subpart XXXXXX	5.13	MFHAPs	Maintain Manufacturer's Specifications for Control Devices / Materials
AA-008	40 CFR 63.11416(f); Subpart OOOOOO	5.14	HAPs	Demonstrate Compliance with Work Practice Standards
	40 CFR 63.11417(a), (c)(1), and (d); Subpart OOOOOO	5.15		Maintain Compliance Certification and Corresponding Information
AA-009	40 CFR Part 60.4243(a)(1) and (b)(1), Subpart JJJJ	5.16	NO_X + HC CO	Maintain Maintenance Plan and Records
	40 CFR Part 60.4245(a)(1)-(3), Subpart JJJJ	5.17		Maintain Records of Notifications, Engine Certification, and Maintenance
	40 CFR 60.4245(b), Subpart JJJJ 11 Miss. Admin Code Pt. 2, R. 2.2.B(11).	5.18	Hours of Operation	Maintain Operational Data

5.1 The permittee shall retain all required records, monitoring data, supporting information and reports 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 or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit upon request.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.9.)

5.2 For Emission Point AA-000 (Facility-Wide), the permittee shall demonstrate compliance with the limitations established in Conditions 3.3, 3.4, and 3.5 by calculating and recording the respective total emission of volatile organic compounds (VOCs), each individual hazardous air pollutant (HAP), all HAPs in total, particulate matter less than 10 microns (PM_{10}), and particulate matter less than 2.5 microns ($PM_{2.5}$) from all sources that can reasonably emit the pollutant(s) in tons both on a monthly basis and on a rolling 12-month total basis.

Unless otherwise specified herein, the permittee shall include all reference data utilized for calculating emissions (e.g. operational data, applicable emission factors, engineering judgement determinations, etc.).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

5.3 For Emission Point AA-000 (Facility-Wide), the permittee shall monitor and record the total volume (in gallons) of each coating material (e.g. thinner, adhesive, epoxy, paint, varnish, etc.) used on a monthly basis that contains a volatile organic compound (VOC) and/or hazardous air pollutant (HAP). Additionally, the permittee shall maintain documentation for each coating material that includes (at a minimum) the following information:

(a) The product name or identification;

(b) The weight percentage (wt.%) of the VOC content;

(c) The wt.% of each individual HAP content; and

(d) The density (in pounds per gallon) of each material used.

For each coating, adhesive, solvent, or other VOC- / HAP- containing material, the permittee may utilize data supplied by the manufacturer, analysis of VOC and HAP content by EPA Test Method 24 in Appendix A of 40 CFR Part 60, or an equivalent alternative.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

5.4 For Emission Point AA-000 (Facility-Wide), the permittee shall monitor and record the following information:

(a) The quantity (in pounds) of abrasive blasting medium consumed on both a monthly basis and a rolling 12-month total basis; and

(b) The quantity (in pounds) and type of each welding electrode and/or medium consumed on both a monthly basis and a rolling 12-month total basis.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

5.5 For Emission Points AA-002, AA-003, AA-004, AA-010, and AA-011, the permittee shall maintain a record of the manufacturer's specification for the dust collectors used to comply with Conditions 4.1 and shall maintain a log of maintenance conducted on each control device (e.g. filter replacement).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

5.6 For Emission Point AA-003, the permittee shall perform visual determinations of welding fugitive emissions as specified by the following procedure at the primary vent, stack, exit, or opening from the building containing the welding operations:

(a) Any visual determination of fugitive emissions must be performed according to the provisions outlined in EPA Test Method 22 of 40 CFR Part 60, Appendix A-7 (i.e. "Method 22"). Additionally, the permittee shall adhere to the following guidelines:

(1) The permittee must conduct a Method 22 test while welding operations are proceeding and under normal conditions; and

(2) The duration of any Method 22 test must be at least fifteen (15) minutes, and visible emissions will be considered present if they are detected for more than six (6) minutes of the 15-minute period.

(b) Perform a visual determination of fugitive emissions once per day on each day while welding operations are conducted.

(c) If no visible fugitive emissions are detected in ten (10) consecutive daily Method 22 testing of welding operations and performed in accordance with Sections (a) – (b) of this condition, the permittee may decrease the frequency of Method 22 testing to once every five (5) days of welding operations (i.e. one calendar week).

If visible fugitive emissions are detected during this decreased frequency period, the permittee shall revert to daily Method 22 testing in accordance with Sections (a) – (b) of this condition during each day that welding operations are conducted.

(d) If no visible emissions are detected in four (4) consecutive weekly Method 22 testing of welding operations and performed in accordance with Section (c) of this condition, the permittee may decrease the frequency of Method 22 testing to once every twenty-one (21) days of welding operations (i.e. one calendar month).

If visible emissions are detected during this decreased frequency period, the permittee shall revert to weekly Method 22 testing in accordance with Section (c) of this condition.

(e) If no visible emissions are detected in three (3) consecutive monthly Method 22 testing of welding operations and performed in accordance with Section (d) of this condition, the permittee may decrease the frequency of Method 22 testing to once every sixty (60) days of welding operations (i.e. 3 calendar months).

If visible emissions are detected during this this decreased frequency period, the permittee shall revert to monthly Method 22 testing in accordance with Section (d) of this condition.

(Ref.: 40 CFR 63.11516(f)(3) and 40 CFR 63.11517(a – b); Subpart XXXXXX)

5.7 For Emission Point AA-003, upon the initial detection of fugitive emissions as result of a visual determination conducted in accordance with Condition 5.6, the permittee shall implement corrective actions that include (but are not limited to) the following protocol:

(a) Inspecting welding fume sources; and

(b) Evaluating the proper operation and effectiveness of the management practices / fume control measures implemented in accordance with Condition 4.6(b).

After completing the mentioned corrective actions, the permittee shall perform a follow-up inspection for visible fugitive emissions in accordance with Condition 5.6(a) at the primary vent, stack, exit, or opening from the building containing the welding operations.

(Ref.: 40 CFR 63.11516(f)(4); Subpart XXXXXX)

5.8 For Emission Point AA-003, upon detection of fugitive emissions from more than one visual determination in accordance with Condition 5.6 during any consecutive 12-month period (notwithstanding the results of any follow-up inspections required by Condition 5.6), the permittee shall comply with the following requirements:

(a) Within twenty-four (24) hours, the permittee shall conduct a visual determination of emissions opacity at the primary vent, stack, exit, or opening from the building containing welding operations.

The visual determination of emissions opacity shall be performed in accordance with the provisions outlined in EPA Test Method 9 of 40 CFR Part 60, Appendix A-4 (i.e. "Method 9"). Additionally, the permittee shall adhere to the following guidelines:

(1) The permittee must conduct a Method 9 test while welding operations are proceeding and under normal conditions; and

(2) The duration of any Method 9 testing shall be thirty (30) minutes.

(b) In lieu of conducting the procedure outlined in Condition 5.6(b) through (e), the permittee shall perform visual determinations of emissions opacity in accordance with the following schedule:

(1) Perform a visual determination of emissions opacity once per day on each day while welding operations are conducted.

(2) If the average of the six-minute opacities recorded during ten (10) consecutive daily Method 9 tests of welding operations and performed in accordance with Sections (a) and (b)(1) of this condition does not exceed 20 percent, the permittee may decrease the frequency of Method 9 testing to once per five (5) consecutive days of active welding operations (i.e. one calendar week).

If an opacity greater than 20% is detected during this decreased frequency period, the permittee shall revert to daily Method 9 testing in accordance with Sections (a) and (b)(1) of this condition during each day that welding operations are conducted.

(3) If the average of the six-minute opacities recorded during four (4) consecutive weekly tests of welding operations and performed in accordance with Part (b)(2) of this condition does not exceed 20%, the permittee may decrease the frequency of Method 9 testing to once per every twenty-one (21) days of active welding operations (i.e. one calendar month).

If an opacity greater than 20% is detected during this decreased frequency period, the permittee shall revert to weekly Method 9 testing in accordance with Section (b)(2).

(4) If the average of the six-minute opacities recorded during three (3) consecutive monthly tests of welding operations and performed in accordance with Section (b)(3) of this condition does not exceed 20%, the permittee may decrease the frequency of Method 9 testing to once every one hundred twenty (120) days of active welding operations (i.e. one calendar quarter).

If any opacity greater than 20% is detected during this decreased frequency period, the permittee shall revert to monthly Method 9 testing in accordance with Sections (b)(3).

(5) If the average of the six-minute opacities recorded during two (2) consecutive monthly tests of welding operations and performed in accordance with Part (b)(3) does not exceed 20%, the permittee may revert to monthly Method 22 testing in accordance with Sections (d) and (e) of Condition 5.6.

In lieu of reverting to Method 22 testing, the permittee may elect to continue performing Method 9 testing in accordance with Sections (b)(3) and (b)(4) of this condition.

(Ref.: 40 CFR 63.11516(f)(5) and 63.11517(c – d); Subpart XXXXXX)

5.9 For Emission Point AA-003, upon any visual determination of emissions opacity performed in accordance with Condition 5.8 resulting in the average of the six-minute opacities recorded equating 20% or less but greater than zero, the permittee shall implement corrective actions that include (but are not limited to) the following protocol:

(a) Inspecting welding fume sources; and

(b) Evaluating the proper operation and effectiveness of the management practices / fume control measures implemented in accordance with Condition 4.6(b).

(Ref.: 40 CFR 63.11516(f)(6); Subpart XXXXXX)

5.10 For Emission Point AA-003, upon any visual determination of emissions opacity performed in accordance with Condition 5.8 resulting in the average of the six-minute opacities recorded exceeding 20%, the permittee shall adhere to the following provisions:

(a) Within thirty (30) days of the exceeding the referenced opacity limit, the permittee shall prepare and implement a Site-Specific Welding Emissions Management Plan (i.e. "Plan") that must contain the following information:

(1) Company name and address;

(2) A list and description of all welding operations that are currently utilized;

(3) A description of all management practices and/or fume control methods in place at the time of the opacity exceedance;

(4) A list and description of all management practices and/or fume control methods currently employed for welding operations;

(5) A description of additional management practices and/or fume control methods to be implemented pursuant to triggering this requirement, and the projected date of implementation; and

If the permittee possesses an existing Plan at the time of the opacity exceedance, the permittee shall prepare and implement a revised Plan within 30 days. Any revisions to the Plan must contain copies of all previous plan entries.

(b) During the preparation (or revision) of the Plan, the permittee shall continue to perform and maintain the visual determinations of emissions opacity beginning on a daily schedule, as specified by Condition 5.8(a) and (b)(1).

(c) The Plan must be updated annually (if necessary) to contain current information, as specified by Section (a)(1 – 3) of this condition, and maintained on-site for review by the MDEQ personnel at any time.

(Ref.: 40 CFR 11516(f)(7 – 8); Subpart XXXXXX)

5.11 For Emission Point AA-003, the permittee shall record and maintain the following information as it relates to any required visual determination of fugitive emissions (as specified by Condition 5.6) from welding operations:

(a) The date and results of every visual determination performed;

(b) A description of any corrective action(s) taken as a result of a conducted visual determination; and

(c) The date and results of any follow-up visual determination performed after any corrective action(s) has been completed.

(Ref.: 40 CFR 63.11519(c)(2); Subpart XXXXXX)

5.12 For Emission Point AA-003, the permittee shall maintain following information as it relates to any required visual determination of emissions opacity (as specified by Condition 5.8) from welding operations:

(a) The date of every visual determination of emissions opacity;

(b) The average of the six-minute opacities measured by the Method 9 test; and

(c) A description of any corrective action(s) taken as a result of a conducted Method 9 test.

(Ref.: 40 CFR 63.11519(c)(3); Subpart XXXXXX)

5.13 For Emission Point AA-001, AA-002, and AA-003, the permittee shall maintain a record of the manufacturer's specifications that correspond to any control device / material used to comply with Conditions 4.2(b)(2), 4.5(a), and 4.6(a).

(Ref.: 40 CFR 63.11519(c)(4); Subpart XXXXXX)

5.14 For Emission Point AA-008, the permittee may demonstrate compliance with the material usage requirements specified in Condition 3.12 by maintaining adhesive usage records and Material Safety Data Sheets (MSDS).

(Ref.: 40 CFR 63.11416(f); Subpart OOOOOO)

5.15 For Emission Point AA-008, the permittee shall maintain a written compliance certification that contains the following statements and shall be signed by a responsible official:

(a) "*This facility does not use any equipment cleaner to flush the mix-head which contains methylene chloride, or any other equipment cleaner containing methylene*

chloride in a molded flexible polyurethane foam process in accordance with §63.11416(c)(1)."; and

(b) "*This facility does not use any mold release agent containing methylene chloride in a molded flexible polyurethane foam process in accordance with §63.11416(c)(2).*"

The permittee shall maintain records of the information used to demonstrate compliance with Condition 5.14. Additionally, the permittee shall maintain records in accordance with Condition 5.1, but the last two (2) years shall be retained on-site while the remaining three (3) years may maintained off-site.

(Ref.: 40 CFR 63.11417(a), (c)(1), and (d); Subpart OOOOOO)

5.16 For Emission Point AA-009, the permittee shall operate and maintain the certified spark-ignition stationary internal combustion engine in accordance with the manufacturer's emission-related written instructions and must keep records of conducted maintenance. The permittee must also meet the applicable requirements as specified in 40 CFR Part 1068, Subparts A through D.

(Ref.: 40 CFR Part 60.4243(a)(1) and (b)(1); Subpart JJJJ)

5.17 For Emission Point AA-009, the permittee shall keep records of the following information:

(a) All notifications submitted to comply with 40 CFR Part 60, Subpart JJJJ and all documentation supporting any notification;

(b) Maintenance conducted on the engine; and

(c) Documentation from the manufacturer that the engine is certified to meet the applicable emission standards and information as required in 40 CFR Part 90, 1048, 1054, and 1060.

(Ref.: 40 CFR Part 60.4245(a)(1)-(3); Subpart JJJJ)

5.18 For Emission Point AA-009, the permittee shall maintain the hours of operation of the engine that is recorded through a non-resettable hour meter. Additionally, the permittee shall document how many hours are spent for emergency operation (including what classified the operation as emergency) and how many hours are spent for non-emergency operation.

(Ref.: 40 CFR Part 60.4245(b); Subpart JJJJ)
(Ref.: 11 Miss. Admin Code Pt. 2, R. 2.2.B.(11).)

SECTION 6
REPORTING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Reporting Requirement
AA-000 (Facility-Wide)	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1	Report Permit Deviations within Five (5) Working Days
		6.2	Submit Certified Annual Monitoring Report
		6.3	All Documents Submitted to MDEQ Shall be Certified by a Responsible Official
		6.4	Submit Annual Summary on VOC, HAP, PM_{10}, and $PM_{2.5}$ Emissions
		6.5	Submit Annual Summary on Occurrences of Control Device(s) Malfunctioning / Non-Operational
AA-002 AA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.6	Submit Annual Summary on Material Usage / Data (Abrasive Blasting and Welding)
AA-003	40 CFR 63.11519(b)(5 – 6); Subpart XXXXXX	6.7	Submit Annual Summary on Visual Determination Information and Opacity Exceedance Information
	40 CFR 63.11519(b)(9); Subpart XXXXXX 11 Miss. Admin. Code Pt. 2, R. 2.2.B.(11).	6.8	Submit Site-Specific Welding Emissions Management Plan (if prompted) Submit Annual Notification of Revision(s) to Site-Specific Welding Emissions Management Plan
	40 CFR 63.11519(b)(9); Subpart XXXXXX	6.9	Submit Annual Collection of Daily Visual Determinations of Emissions Opacity
AA-004	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.10	Submit Annual Summary of Surface Coating Usage Data
AA-009	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.11	Submit Annual Report on Hours of Operation (Non-Emergency and Emergency)

6.1 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. 2.2.B(11).)

6.2 Except as otherwise specified herein, the permittee shall submit a certified annual synthetic minor monitoring report postmarked no later than 31st of January for the preceding calendar year. This report shall address any required monitoring specified in the permit.

All instances of deviations from permit requirements must be clearly identified in the report. Where no monitoring data is required to be reported and/or there are no deviations to report, the report shall contain the appropriate negative declaration.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

6.3 Any document required by this permit to be submitted to the MDEQ shall contain a certification signed by a responsible official stating 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. 2.2.B(11).)

6.4 For Emission Point AA-000 (Facility-Wide), the permittee shall submit an annual monitoring report in accordance with Condition 6.2 that details the respective emission of volatile organic compounds (VOCs), each individual hazardous air pollutant (HAP), all HAPs in total, particulate matter less than 10 microns (PM_{10}), and particulate matter less than 2.5 microns ($PM_{2.5}$) based on a rolling 12-month total basis.

The report shall include all reference data utilized to validate emissions (e.g. applicable emission factors, engineering judgement determinations, etc.).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B.(11).)

6.5 For Emission Point AA-000 (Facility-Wide), the permittee shall submit an annual monitoring report in accordance with Condition 6.2 that details any occurrence (and the corresponding duration) of an air pollution control device malfunctioning and/or becoming non-operational during active operations. The report shall also outline any maintenance action(s) performed to restore a control device to its normal manner of operation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B.(11).)

6.6 For Emission Points AA-002 and AA-003, the permittee shall submit an annual monitoring report in accordance with Condition 6.2 that details the following information based on a rolling 12-month total basis:

(a) The quantity (in pounds) and type of welding electrodes and/or medium consumed; and

(b) The quantity (in pounds) of abrasive blasting medium consumed.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B.(11).)

6.7 For Emission Point AA-003, the permittee shall submit an annual monitoring report in accordance with Condition 6.2 that details the following information as it pertains to welding operations:

(a) Visual Determination of Fugitive Emissions:

(1) The date of every visual determination of fugitive that resulted in the detection of visible emissions;

(2) A description of the corrective action(s) taken subsequent to detecting visible emissions; and

(3) The date and results of the follow-up visual determination of fugitive emissions after the corrective action(s).

(b) Visual Determination of Emissions Opacity:

(1) The date of every visual determination of emissions opacity;

(2) The average of the six-minute opacities as measured the Method 9 testing; and

(3) A description of any corrective action(s) taken subsequent to the test.

(c) Exceedances of 20% Opacity (as determined by Method 9 testing):

(1) The date on which the exceedance occurred; and

(2) The average of the six-minute average opacities recorded during the visual determination of emissions opacity.

(Ref.: 40 CFR 63.11519(b)(5 – 6); Subpart XXXXXX)

6.8 For Emission Point AA-003, upon triggering the provisions specified in Condition 5.10(a), the permittee shall submit a copy of the initial (or revised) Site-Specific Welding Emissions Management Plan (i.e. "Plan") within forty-five (45) days after the noted opacity exceedance that prompted Condition 5.10(a).

Thereafter, the permittee shall submit an annual notification on any revision(s) made to the Plan in accordance with Condition 6.2. If a revision is made to the Plan during any preceding calendar year, the permittee shall include a copy of the updated Plan with the corresponding notification.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B.(11).)

(Ref.: 40 CFR 63.11519(b)(9); Subpart XXXXXX)

6.9 For Emission Point AA-003, the permittee shall submit an annual report in accordance with Condition 6.2 that summarizes the daily visual determinations of emissions opacity recorded as required by Condition 5.10(b).

(Ref.: 40 CFR 63.11519(b)(9); Subpart XXXXXX)

6.10 For Emission Point AA-004, the permittee shall submit an annual monitoring report in accordance with Condition 6.2 that summarizes the following information for any utilized surface coating:

(a) The product name and identification;

(b) The density (in pounds per gallon);

(c) The total volume (in gallons) of each surface coating used on a rolling 12-month period;

(d) The weight percentage (wt.%) of volatile organic compound (VOC) content; and

(e) The weight percentage (wt.%) of each individual hazardous air pollutant (HAP).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B.(11).)

6.11 For Emission Point AA-009, the permittee shall submit an annual monitoring report in accordance with Condition 6.2 that details the hours of operation for the engine. The report shall document how many hours are spent for emergency operation, what classified the operation as an emergency situation, how many hours are spent for non-emergency operation, and the circumstance(s) for non-emergency operation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B.(11).)