

**STATE OF MISSISSIPPI
AND FEDERALLY ENFORCEABLE
AIR POLLUTION CONTROL
PERMIT**

**TO OPERATE AIR EMISSIONS EQUIPMENT AT A
SYNTHETIC MINOR SOURCE**

THIS CERTIFIES THAT

Fairbanks Scales, Inc.
239 69th Avenue
Meridian, Lauderdale County, Mississippi

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: _____

Permit No.: 1460-00078

Effective Date: As specified herein.

Expires: [No more than 5 years from the issue date.]

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 Mississippi Administrative Code, Title 11, Part 2, Chapter 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 3 – "*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 Mississippi Administrative Code, Title 11, Part 2, Chapter 1, Rule 1.10., "*Provisions for Upsets, Start-ups, and Shutdowns*".

(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 five (5) working days of the time the upset began, the source submitted a written report to the Department describing the upset, the steps taken to mitigate excess emissions or any other 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 the EPA or third-party enforcement actions.
- (b) Start-ups and Shutdowns (as defined by 11 Miss. Admin. Code Pt. 2, R. 1.2.)
- (1) Start-ups 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 start-ups and shutdowns are defined by an applicable rule, regulation, or permit.
 - (2) Where the source is unable to comply with existing emission limitations established under the State Implementation Plan (SIP) and defined in this Mississippi Administrative Code, Title 11, 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 MDEQ within a reasonable time any information the MDEQ 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 MDEQ 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 MDEQ 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-100	Facility-Wide (Fairbanks Scales, Inc.)
AA-001	<u>Surface Coating Operations:</u> Floor Scale Paint Booth Small Parts Paint Booth Truck/Track Scale Paint Booth [each booth is equipped with dry fabric filter exhaust control]
AA-002	<u>Metal Working Operations:</u> Metal Cutting One (1) 0.03745 MMBTU/Hour Acetylene Torch Utilized for Metal Cutting Handheld Grinding Welding [includes gas metal arc welding and flux cored arc welding]
AA-003	<u>Abrasive Blasting Operation:</u> BCT Model R4-72X24 Enclosed Conveyor Abrasive Blasting Operation [utilizes steel shot and equipped with a shot/dust collection system]
AA-004	<u>Fuel Burning Equipment:</u> One (1) 1.08 MMBTU/Hour Natural Gas-Fired External Combustion Steam Generator Four (4) 0.4 MMBTU/Hour Natural Gas-Fired Space Heaters Twenty-seven (27) 0.15 MMBTU/Hour Natural Gas-Fired Space Heaters Eight (8) 0.06 MMBTU/Hour Natural Gas-Fired Space Heaters
AA-005	<u>Storage Tanks:</u> One (1) 250-Gallon Diesel Storage Tank

**SECTION 3
EMISSION LIMITATIONS AND STANDARDS**

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limitation / Standard
AA-100	11 Miss. Admin. Code Pt. 2, R. 1.3.A(1) & (2).	3.1	Opacity	40%
	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.2		
AA-001	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). [Title V Source Avoidance Limit]	3.3	VOCs	95.0 tpy (12-Month Rolling Total)
AA-001 AA-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). [Title V Source Avoidance Limit]	3.4	HAPs	24.0 tpy for Combined HAPs 9.0 tpy for Any Individual HAP (12-Month Rolling Totals)
AA-001 AA-002 AA-003	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.5	PM (filterable only)	E = 4.1 (p ^{0.67})
AA-002 AA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). [Title V Source Avoidance Limits]	3.6	PM ₁₀ / PM _{2.5} (filterable and condensable)	95.0 tpy (12-Month Rolling Total)
AA-004	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.7	PM	0.6 lbs / MMBTU Per Hour Heat Input
	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.8	SO ₂	4.8 lbs / MMBTU Heat Input

- 3.1 For Emission Point AA-100 (Facility-Wide), the permittee shall not cause, permit, or allow the emission of smoke from a point source into the open air from any manufacturing or industrial process, which exceeds forty (40) percent opacity.

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

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

- 3.2 For Emission Point AA-100 (Facility-Wide), 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. 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-001 (Surface Coating), the permittee shall limit the total emission of volatile organic compounds (VOCs) to no more than 95.0 tons per year (tpy), based on a 12-month rolling total.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). – Title V Source Avoidance Limit)

- 3.4 For Emission Points AA-001 and AA-002 (Surface Coating and Metal Working), the permittee shall limit the emission of all hazardous air pollutants (HAPs) in total to no more than 24.0 tons per year (tpy) and the emission of any individual HAP to no more than 9.0 tpy, based on 12-month rolling totals.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). – Title V Source Avoidance Limit)

- 3.5 For Emission Points AA-001, AA-002, and AA-003 (Surface Coating, Metal Working, and Abrasive Blasting), except as otherwise specified herein, the permittee shall not cause, permit, or allow the emission of particulate matter in total quantities in any one hour from any manufacturing process, which includes any associated stacks, vents, outlets, or combination thereof, to exceed the amount determined by the relationship:

$$E = 4.1 (p^{0.67})$$

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

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

- 3.6 For Emission Points AA-002 and AA-003 (Metal Working and Abrasive Blasting), the permittee shall limit the total respective emission of particulate matter less than 10 microns in diameter (PM₁₀ – filterable and condensable) and particulate matter less than 2.5 microns in diameter (PM_{2.5} – filterable and condensable) to no more than 95.0 tons per year (tpy) based on 12-month rolling totals.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). – Title V Source Avoidance Limits)

- 3.7 For Emission Point AA-004 (Fuel Burning Equipment), the maximum permissible emission of ash and/or particulate matter (PM) from each unit shall not exceed 0.6 pounds per million BTU (MMBTU) per hour heat input.

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

- 3.8 For Emission Point AA-004 (Fuel Burning Equipment), except as otherwise provided herein, the maximum discharge of sulfur oxides shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input.

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

SECTION 4
WORK PRACTICE STANDARDS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter	Work Practice
AA-001	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	4.1	PM ₁₀ / PM _{2.5}	Operate and Maintain Dry Filters on Paint Booths
AA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	4.2	PM ₁₀ / PM _{2.5}	Operate and Maintain Shot / Dust Collection System

4.1 For Emission Point AA-001, the permittee shall capture and vent overspray emissions in each paint booth through a dry filter. The permittee shall demonstrate compliance with this requirement by operating the control device in accordance with the manufacturer's specifications and maintaining a record of the manufacturer's specifications for the filtration control devices, as specified in Condition 5.3.

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

4.2 For Emission Point AA-003, the permittee shall capture and vent emissions to the dust collection system. The permittee shall demonstrate compliance with this requirement by operating the dust collection system in accordance with the manufacturer's specifications and maintaining a record of the manufacturer's specifications for the dust collection system, as specified in Condition 5.3.

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

SECTION 5
MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Monitoring/Recordkeeping Requirement
AA-100	11 Miss. Admin. Code Pt. 2, R. 2.9.	5.1	Recordkeeping	Maintain Records for a Minimum of Five (5) Years
AA-001	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.2	VOCs	Calculate and record the VOC emission rate (12-Month Rolling Totals)
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.3	VOCs HAPs PM ₁₀ / PM _{2.5}	Monitor and Record Operational Data for all Paints, Coatings, Solvents, or Other VOC- or HAP-Containing Materials Used Maintain a Record of Manufacturer's Specifications and Maintenance Logs for the Control Device
AA-001 AA-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.4	HAPs	Calculate and Record the Combined HAP and Individual HAP Emission Rates (12-Month Rolling Totals)
AA-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.5	HAPs PM ₁₀ / PM _{2.5}	Monitor and Record Operational Data for the Metal Working Operations
AA-002 AA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.6	PM ₁₀ / PM _{2.5}	Calculate and Record the PM ₁₀ and PM _{2.5} Emission Rates (12-Month Rolling Totals)
AA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.7	HAPs PM ₁₀ / PM _{2.5}	Monitor and Record Operational Data for the Abrasive Blasting Operations Maintain a Record of Manufacturer's Specifications and Maintenance Logs for the Control Device

5.1 For Emission Point AA-100 (Facility-Wide), 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 the MDEQ as required by "Applicable Rules and Regulations" of this permit upon request.

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

- 5.2 For Emission Point AA-001, to demonstrate compliance with Condition 3.3, the permittee shall calculate and record on a monthly basis the total VOC emission rate, in tons per year (tpy), based on a 12-month rolling total.

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

- 5.3 For Emission Point AA-001, the permittee shall monitor and record the following operational information on a monthly basis for each paint, coating, adhesive, solvent, or other VOC- or HAP-containing material used:

- (a) The product name or identification;
- (b) The density (in pounds per gallon);
- (c) The VOC and/or HAP content (in percent by weight).

A description of the method used to determine the VOC and/or HAP content shall accompany this data. The permittee may utilize data supplied by the manufacturer, an analysis of VOC and HAP content by EPA Test Method 24 (found in Appendix A of 40 CFR Part 60), or an equivalent alternative approved by the MDEQ;

- (d) The volume used (in gallons);
- (e) The solids content, as applicable (in percent by weight); and
- (f) A record of the manufacturer's specifications for the dry filters used to comply with Condition 4.1 and a log of maintenance (e.g. filter replacement) conducted on the control device. These records shall be kept on-site and made readily available for review upon inspection or request by the MDEQ.

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

- 5.4 For Emission Points AA-001 and AA-002, to demonstrate compliance with Condition 3.4, the permittee shall calculate and record on a monthly basis the emission rates of each individual hazardous air pollutant (HAP) and all HAPs in total, in tons per year (tpy), based on 12-month rolling totals.

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

- 5.5 For Emission Point AA-002, the permittee shall monitor and record the following operational information on a monthly basis:

- (a) The identification of each type of welding electrode or wire consumed;
- (b) The amount (in pounds) of each type of welding electrode consumed;

- (c) The throughput (in tons) of metal processed in the grinding operations;
- (d) The throughput (in feet) of metal processed in the metal cutting operations; and
- (e) Documentation that details the metal HAP content (in percent by weight) in any welding electrode / wire consumed and any metal processed.

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

- 5.6 For Emission Points AA-002 and AA-003, to demonstrate compliance with Condition 3.6, the permittee shall calculate and record on a monthly basis the total respective emission rate of particulate matter less than 10 microns in diameter (PM₁₀) and particulate matter less than 2.5 microns in diameter (PM_{2.5}), in tons per year (tpy), based on 12-month rolling totals.

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

- 5.7 For Emission Point AA-003, the permittee shall monitor and record the following operational information on a monthly basis:

- (a) The amount (in pounds) of abrasive blasting media consumed;
- (b) Documentation that details the metal HAP content (in percent by weight) in the abrasive media consumed; and
- (c) A record of the manufacturer's specifications for the dust collection system used to comply with Condition 4.2 and a log of maintenance (e.g. filter replacement) conducted on the control device. These records shall be kept on-site and made readily available for review upon inspection or request by the MDEQ.

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

**SECTION 6
REPORTING REQUIREMENTS**

Emission Point(s)	Applicable Requirement	Condition Number	Reporting Requirement
AA-100	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1	Report Permit Deviations Within Five (5) Working Days
		6.2	Submit a Certified Annual Monitoring Report (AMR)
		6.3	All Documents Submitted to the MDEQ Shall be Certified by a Responsible Official

6.1 For Emission Point AA-100 (Facility-Wide), 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 For Emission Point AA-100 (Facility-Wide), except as otherwise specified herein, the permittee shall submit a certified annual monitoring report (AMR) postmarked no later than January 31st of each calendar year for the preceding calendar year. This report shall address any required monitoring specified in paragraphs (a) through (g) below. 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. The AMR shall contain the following information based on 12-month rolling totals:

- (a) The total respective emission rates (in tons per year) of particulate matter less than 10 microns in diameter (PM₁₀), particulate matter less than 2.5 microns in diameter (PM_{2.5}), volatile organic compounds (VOCs), each individual hazardous air pollutant (HAP), and all HAPs in total as calculated in accordance with Conditions 5.2, 5.4, and 5.6;
- (b) For each paint, coating, adhesive, solvent, or other VOC- or HAP-containing material used in the Surface Coating Operations:
 - (1) The product name or identification;
 - (2) The density (in pounds per gallon);
 - (3) The VOC and/or HAP content (in percent by weight);

- (4) The volume used (in gallons); and
- (5) The solids content (in percent by weight) (as applicable).
- (c) The identification and amount (in pounds) of each type of welding electrode / wire consumed;
- (d) The throughput (in tons) of metal processed in the grinding operations;
- (e) The throughput (in feet) of metal processed in the metal cutting operations;
- (f) The amount (in pounds) of abrasive blasting media consumed; and
- (g) A summary of the metal HAP content (in percent by weight) present in the abrasive media consumed, the welding electrode / wire consumed, and the metal processed.

(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 (RO) 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).)