

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION**

February 10, 2015

PERMIT TO INSTALL
168-12B

ISSUED TO
Enterprise Iron & Metal Company

LOCATED AT
850 Pannell Avenue, NW
Grand Rapids, Michigan

IN THE COUNTY OF
Kent

STATE REGISTRATION NUMBER
B6095

The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environmental Quality. This permit is hereby issued in accordance with and subject to Section 5505(1) of Article II, Chapter I, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Pursuant to Air Pollution Control Rule 336.1201(1), this permit constitutes the permittee's authority to install the identified emission unit(s) in accordance with all administrative rules of the Department and the attached conditions. Operation of the emission unit(s) identified in this Permit to Install is allowed pursuant to Rule 336.1201(6).

DATE OF RECEIPT OF ALL INFORMATION REQUIRED BY RULE 203:

December 19, 2014

DATE PERMIT TO INSTALL APPROVED:

February 10, 2015

SIGNATURE:

DATE PERMIT VOIDED:

SIGNATURE:

DATE PERMIT REVOKED:

SIGNATURE:

PERMIT TO INSTALL

Table of Contents

Section	Page
Alphabetical Listing of Common Abbreviations / Acronyms.....	2
General Conditions.....	3
Special Conditions.....	5
Emission Unit Summary Table.....	5
Special Conditions for EU-AL-SWEAT.....	6
Flexible Group Summary Table	8
Special Conditions for FG-MACTRRR	8

Common Abbreviations / Acronyms

Common Acronyms		Pollutant / Measurement Abbreviations	
AQD	Air Quality Division	BTU	British Thermal Unit
BACT	Best Available Control Technology	°C	Degrees Celsius
CAA	Clean Air Act	CO	Carbon Monoxide
CEM	Continuous Emission Monitoring	dscf	Dry standard cubic foot
CFR	Code of Federal Regulations	dscm	Dry standard cubic meter
CO ₂ e	Carbon Dioxide Equivalent	°F	Degrees Fahrenheit
COM	Continuous Opacity Monitoring	gr	Grains
EPA	Environmental Protection Agency	Hg	Mercury
EU	Emission Unit	hr	Hour
FG	Flexible Group	H ₂ S	Hydrogen Sulfide
GACS	Gallon of Applied Coating Solids	hp	Horsepower
GC	General Condition	lb	Pound
GHGs	Greenhouse Gases	kW	Kilowatt
HAP	Hazardous Air Pollutant	m	Meter
HVLP	High Volume Low Pressure *	mg	Milligram
ID	Identification	mm	Millimeter
LAER	Lowest Achievable Emission Rate	MM	Million
MACT	Maximum Achievable Control Technology	MW	Megawatts
MAERS	Michigan Air Emissions Reporting System	ng	Nanogram
MAP	Malfunction Abatement Plan	NO _x	Oxides of Nitrogen
MDEQ	Michigan Department of Environmental Quality (Department)	PM	Particulate Matter
MSDS	Material Safety Data Sheet	PM10	PM with aerodynamic diameter ≤10 microns
NESHAP	National Emission Standard for Hazardous Air Pollutants	PM2.5	PM with aerodynamic diameter ≤ 2.5 microns
NSPS	New Source Performance Standards	pph	Pounds per hour
NSR	New Source Review	ppm	Parts per million
PS	Performance Specification	ppmv	Parts per million by volume
PSD	Prevention of Significant Deterioration	ppmw	Parts per million by weight
PTE	Permanent Total Enclosure	psia	Pounds per square inch absolute
PTI	Permit to Install	psig	Pounds per square inch gauge
RACT	Reasonably Available Control Technology	scf	Standard cubic feet
ROP	Renewable Operating Permit	sec	Seconds
SC	Special Condition	SO ₂	Sulfur Dioxide
SCR	Selective Catalytic Reduction	THC	Total Hydrocarbons
SRN	State Registration Number	tpy	Tons per year
TAC	Toxic Air Contaminant	µg	Microgram
TEQ	Toxicity Equivalence Quotient	VOC	Volatile Organic Compound
VE	Visible Emissions	yr	Year

* For High Volume Low Pressure (HVLP) applicators, the pressure measured at the HVLP gun air cap shall not exceed ten (10) pounds per square inch gauge (psig).

GENERAL CONDITIONS

1. The process or process equipment covered by this permit shall not be reconstructed, relocated, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule. **(R 336.1201(1))**
2. If the installation, construction, reconstruction, relocation, or modification of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the permittee or the designated authorized agent shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environmental Quality, P.O. Box 30260, Lansing, Michigan 48909-7760, if it is decided not to pursue the installation, construction, reconstruction, relocation, or modification of the equipment allowed by this Permit to Install. **(R 336.1201(4))**
3. If this Permit to Install is issued for a process or process equipment located at a stationary source that is not subject to the Renewable Operating Permit program requirements pursuant to R 336.1210, operation of the process or process equipment is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install. **(R 336.1201(6)(b))**
4. The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Department's rules or the Clean Air Act. **(R 336.1201(8), Section 5510 of Act 451, PA 1994)**
5. The terms and conditions of this Permit to Install shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by this Permit to Install. If the new owner or operator submits a written request to the Department pursuant to R 336.1219 and the Department approves the request, this permit will be amended to reflect the change of ownership or operational control. The request must include all of the information required by subrules (1)(a), (b), and (c) of R 336.1219 and shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environmental Quality. **(R 336.1219)**
6. Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property. **(R 336.1901)**
7. The permittee shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant which continue for more than one hour in excess of any applicable standard or limitation, or emissions of any air contaminant continuing for more than two hours in excess of an applicable standard or limitation, as required in Rule 912, to the Department. The notice shall be provided not later than two business days after start-up, shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the Department within 10 days after the start-up or shutdown occurred, within 10 days after the abnormal conditions or malfunction has been corrected, or within 30 days of discovery of the abnormal condition or malfunction, whichever is first. The written reports shall include all of the information required in Rule 912(5). **(R 336.1912)**
8. Approval of this permit does not exempt the permittee from complying with any future applicable requirements which may be promulgated under Part 55 of 1994 PA 451, as amended or the Federal Clean Air Act.
9. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
10. Operation of this equipment may be subject to other requirements of Part 55 of 1994 PA 451, as amended and the rules promulgated thereunder.

11. Except as provided in subrules (2) and (3) or unless the special conditions of the Permit to Install include an alternate opacity limit established pursuant to subrule (4) of R 336.1301, the permittee shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of density greater than the most stringent of the following. The grading of visible emissions shall be determined in accordance with R 336.1303. **(R 336.1301)**
 - a) A six-minute average of 20 percent opacity, except for one six-minute average per hour of not more than 27 percent opacity.
 - b) A visible emission limit specified by an applicable federal new source performance standard.
 - c) A visible emission limit specified as a condition of this Permit to Install.

12. Collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in R 336.1370(2). **(R 336.1370)**

13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with R 336.2001 and R 336.2003, under any of the conditions listed in R 336.2001. **(R 336.2001)**

SPECIAL CONDITIONS

EMISSION UNIT SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Emission Unit ID	Emission Unit Description (Process Equipment & Control Devices)	Flexible Group ID
EU-AL-SWEAT	A 1,000 lb capacity natural gas-fired reverberatory sweat furnace (one-hour sweating cycle) with a combined melting chamber and holding reservoir for reclaiming aluminum from metal scrap. The maximum input capacity of the natural gas-fired burners is 2 MMBtu/hr. Emissions are controlled with a 2 MMBtu/hr thermal oxidizer (afterburner).	FG-MACTRRR
Changes to the equipment described in this table are subject to the requirements of R 336.1201, except as allowed by R 336.1278 to R 336.1290.		

The following conditions apply to: EU-AL-SWEAT

DESCRIPTION: A 1,000 lb capacity natural gas-fired reverberatory sweat furnace (one-hour sweating cycle) with a combined melting chamber and holding reservoir for reclaiming aluminum from metal scrap. The maximum input capacity of the natural gas-fired burners is 2 MMBtu/hr.

Flexible Group ID: FG-MACTRRR

POLLUTION CONTROL EQUIPMENT: 2 MMBtu/hr thermal oxidizer (afterburner)

I. EMISSION LIMITS

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. PM	0.10 lbs per 1000 lbs of exhaust gases ^a	Test Protocol*	EU-AL-SWEAT	SC V.1	R 336.1331(1)(c)
2. PM10	1.0 pph	Test Protocol*	EU-AL-SWEAT	SC V.1	40 CFR 52.21(c)&(d)
3. PM2.5	0.83 pph	Test Protocol*	EU-AL-SWEAT	SC V.1	40 CFR 52.21(c)&(d)

^a Calculated on a dry gas basis
 * Test protocol shall specify averaging time.

II. MATERIAL LIMITS

- The permittee shall only burn pipeline quality natural gas in EU-AL-SWEAT. **(R 336.1205(1)(a), 40 CFR 52.21(c) and (d))**
- The permittee shall not use flux in EU-AL-SWEAT. **(R 336.1201(3))**

III. PROCESS/OPERATIONAL RESTRICTIONS

- N/A

IV. DESIGN/EQUIPMENT PARAMETERS

- N/A

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

- Upon request of the District Supervisor, the permittee shall verify PM, PM10, and PM2.5 emission rates from EU-AL-SWEAT by testing at owner's expense, in accordance with Department requirements. If a test is requested, no less than 60 days prior to testing, the permittee shall submit a complete test plan to the AQD Technical Programs Unit and District Office. The AQD must approve the final plan prior to testing. Verification of emission rates includes the submittal of a complete report of the test results to the AQD Technical Programs Unit and District Office within 60 days following the last date of the test. **(R 336.1331, R 336.2001, R 336.2003, R 336.2004, 40 CFR 52.21(c) and (d))**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall complete all required records in a format acceptable to the AQD District Supervisor and make them available by the end of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. **(R 336.1205, R 336.1225)**
2. The permittee shall keep, in a satisfactory manner, a daily log of the weight of aluminum produced from EU-AL-SWEAT. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205,**

VII. REPORTING

1. N/A

VIII. STACK/VENT RESTRICTIONS

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Diameter (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SV-AL-SWEAT	24	30	40 CFR 52.21 (c) & (d)

IX. OTHER REQUIREMENTS

1. The permittee shall comply with all provisions of the National Emission Standards for Hazardous Air Pollutants as specified in 40 CFR Part 63 Subparts A and RRR, as they apply to EU-AL-SWEAT. **(40 CFR Part 63, Subparts A and RRR)**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

FLEXIBLE GROUP SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Flexible Group ID	Flexible Group Description	Associated Emission Unit IDs
FG-MACTRRR	A new or existing secondary aluminum processing facility that is (or is part of) an area source of HAPs.	EU-AL-SWEAT

The following conditions apply to: FG-MACTRRR

DESCRIPTION: A new or existing secondary aluminum processing facility that is (or is part of) an area source of HAPs.

Emission Units: EU-AL-SWEAT

POLLUTION CONTROL EQUIPMENT: 2 MMBtu/hr thermal oxidizer (afterburner)

I. EMISSION LIMITS

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. Dioxins/Furans (D/F) TEQ**	3.5E-10 gr/dscf at 11% oxygen	Test Protocol*	New or Existing Sweat Furnace	GC 13	40 CFR 63.1505(f)(2)
* Test Protocol will specify averaging time.					
** Tetra-, penta-, hexa-, and octachlorinated dibenzo dioxins and furans expressed as 2,3,7,8-tetrachlorodibenzo(p)dioxin toxicity equivalent quotient (TEQ).					

II. MATERIAL LIMITS

1. N/A

III. PROCESS/OPERATIONAL RESTRICTIONS

1. Within 90 days of startup, the permittee shall submit to the AQD District Supervisor, for review and approval, an operation, maintenance and monitoring (OM&M) plan for each emission unit. The plan shall include, but is not limited to the following:
 - a. Process and control device parameters to be monitored to determine compliance, along with established operating levels or ranges, as applicable, for each process and control device. **(40 CFR 63.1510(b)(1))**
 - b. A monitoring schedule for each affected source and emission unit. **(40 CFR 63.1510(b)(2))**
 - c. Procedures for the proper operation and maintenance of each process unit and add-on control device used to meet the applicable emission limits or standards in 40 CFR 63.1505. **(40 CFR 63.1510(b)(3))**
 - d. Procedures for the proper operation and maintenance of monitoring devices or systems used to determine compliance. **(40 CFR 63.1510(b)(4))**
 - e. Procedures for monitoring process and control device parameters, including procedures for annual inspections of afterburners, and if applicable, the procedure to be used for determining charge/feed (or throughput) weight if a measurement device is not used. **(40 CFR 63.1510(b)(5))**
 - f. Corrective actions to be taken when process or operating parameters or add-on control device parameters deviate from the value or range established in SC III.1.a. **(40 CFR 63.1510(b)(6))**

- g. A maintenance schedule for each process and control device that is consistent with the manufacturer's instructions and recommendations for routine and long-term maintenance. **(40 CFR 63.1510(b)(7))**

The permittee shall maintain and implement the approved OM&M plans at all times. If the permitting authority determines at any time after receipt of the OM&M plan that any revisions of the plan are necessary to satisfy the requirements of this section or this subpart, the owner or operator must promptly make all necessary revisions and resubmit the revised plan. If the owner or operator determines that any other revisions of the OM&M plan are necessary, such revisions will not become effective until the owner or operator submits a description of the changes and a revised plan incorporating them to the permitting authority. **(40 CFR 63.1510)**

IV. DESIGN/EQUIPMENT PARAMETERS

1. The permittee shall not operate EU-AL-SWEAT unless the associated capture/collection system and afterburner are installed, operated and maintained in accordance with the approved operation and maintenance (O&M) plan. The permittee shall install, operate, and maintain a capture/collection system for FG-MACTRRR. **(R 336.1224, R 336.1225, R 336.1910, 40 CFR 52.21(j), 40 CFR Part 63.6(e)(1)(i), 40 CFR 63.1506(c)(3), 40CFR63.1510(d))**
2. The permittee shall not operate EU-AL-SWEAT unless the associated capture/collection system is designed and installed to (1) meet the engineering standards for minimum exhaust rates as published by the American Conference of Governmental Industrial Hygienists in chapters 3 and 5 of "Industrial Ventilation: A Manual of Recommended Practice" (incorporated by reference in 40 CFR§ 63.1502) and (2) vent captured emissions through a closed system, except that dilution air may be added to emission streams for the purpose of controlling temperature at the inlet to a fabric filter. **(40 CFR 63.1506(c)(1) and (2))**
3. The permittee shall not operate EU-AL-SWEAT unless the emissions capture system and thermal oxidizer, also called the afterburner, are installed, maintained and operated in a satisfactory manner. Satisfactory operation of the capture system and thermal oxidizer includes operation of the capture system as defined in the facility MACT Operations and Maintenance Plan, either maintaining the 3-hour block average operating temperature of the afterburner at the average temperature established during the performance test; or a temperature at or above 1600 °F if a performance test was not conducted, and the afterburner meets the specifications of 40 CFR § 63.1505(f)(1) and a minimum retention time of 0.5 seconds. **(R 336.1205, R 336.1225, R 336.1299, R 336.1702, R 336.1910, 40CFR63.1506(h)(1)&(2))**
4. The permittee shall install, calibrate, maintain and operate in a satisfactory manner a temperature monitoring device in the thermal oxidizer to monitor and record the temperature on a continuous basis, during operation of EU-AL-SWEAT. The permittee shall install, calibrate, maintain, and operate a device to continuously monitor and record the operating temperature of the afterburner consistent with the requirements for continuous monitoring systems in 40CFR63 subpart A. The temperature monitoring device must be installed at the exit of the combustion zone of each afterburner. The monitoring system must record the temperature in 15-minute block averages and determine and record the average temperature for each 3-hour block period. The recorder response range must include zero and 1.5 times the average temperature established according to the requirements in 40CFR§ 63.1512(m). The reference method must be a National Institute of Standards and Technology calibrated reference thermocouple-potentiometer system or alternate reference, subject to approval by the department. **(R 336.1205, R 336.1225, R 336.1299, R 336.1702, 40CFR63.1510(g))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. N/A

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall monitor and record all emissions and operating information required to comply with the Federal National Emission Standards for Hazardous Air Pollutants (NESHAP) specified in 40 CFR Part 63, Subpart RRR. **(40 CFR Part 63, Subpart RRR)**
2. The permittee shall initiate corrective action if a process parameter or add-on air pollution control device operating parameter deviates from the value or range incorporated in the OM&M plan. **(40 CFR 63.1506(p))**
3. The permittee shall prepare and implement for FG-MACTRRR a written operation, maintenance, and monitoring (OM&M) plan. Within 90 days of startup, the permittee shall submit the OM&M plan to the AQD district supervisor upon startup of FG-MACTRRR with the afterburner. The plan shall be accompanied by a written certification by the owner or operator that the OM&M plan satisfies all requirements of 40CFR63 Subpart RRR and is otherwise consistent with the requirements of Subpart RRR. The permittee shall comply with all of the provisions of the OM&M plan as submitted to the department, unless and until the plan is revised in accordance with the following procedures. If the department determines at any time after receipt of the OM&M plan that any revisions of the plan are necessary to satisfy the requirements of 40CFR63 Subpart RRR, the permittee shall promptly make all necessary revisions and resubmit the revised plan. If the permittee determines that any other revisions of the OM&M plan are necessary, such revisions will not become effective until the permittee submits a description of the changes and a revised plan incorporating them to the AQD district supervisor. Each plan shall contain the following information:
 - a. Process and control device parameters to be monitored to determine compliance, along with established operating levels or ranges, as applicable, for each process and control device.
 - b. A monitoring schedule for each affected source and emission unit.
 - c. Procedures for the proper operation and maintenance of each process unit and add-on control device used to meet the applicable emission limits or standards in 40CFR§ 63.1505.
 - d. Procedures for the proper operation and maintenance of monitoring devices or systems used to determine compliance, including:
 - i. Calibration and certification of accuracy of each monitoring device, at least once every 6 months, according to the manufacturer's instructions; and
 - ii. Procedures for the quality control and quality assurance of continuous emission or opacity monitoring systems as required by the general provisions in 40CFR63 subpart A.
 - e. Procedures for monitoring process and control device parameters, including procedures for annual inspections of afterburners, and if applicable, the procedure to be used for determining charge/feed (or throughput) weight if a measurement device is not used.
 - f. Corrective actions to be taken when process or operating parameters or add-on control device parameters deviate from the value or range established in paragraph 40CFR63.1510(b)(1), including:
 - i. Procedures to determine and record the cause of any deviation or excursion, and the time the deviation or excursion began and ended; and
 - ii. Procedures for recording the corrective action taken, the time corrective action was initiated, and the time/date corrective action was completed.
 - g. A maintenance schedule for each process and control device that is consistent with the manufacturer's instructions and recommendations for routine and long-term maintenance. **(40CFR63.1510(b))**
4. The permittee shall inspect each capture/collection and closed vent system at least once each calendar year to ensure that each system is operating in accordance with the operating requirements in 40CFR§ 63.1506(c) and record the results of each inspection. **(40CFR63.1510(d))**
5. The permittee shall conduct an inspection of the FG-MACTRRR afterburner at least once a year and record the results. At a minimum, an inspection shall include:
 - a. Inspection of all burners, pilot assemblies, and pilot sensing devices for proper operation and clean pilot sensor;
 - b. Inspection for proper adjustment of combustion air;
 - c. Inspection of internal structures (e.g., baffles) to ensure structural integrity;
 - d. Inspection of dampers, fans, and blowers for proper operation;

- e. Inspection for proper sealing;
 - f. Inspection of motors for proper operation;
 - g. Inspection of combustion chamber refractory lining and clean and repair or replace lining as necessary;
 - h. Inspection of afterburner shell for corrosion and/or hot spots;
 - i. Documentation, for the burn cycle that follows the inspection, that the afterburner is operating properly and any necessary adjustments have been made; and
 - j. Verification that the equipment is maintained in good operating condition.
 - k. Following an equipment inspection, all necessary repairs must be completed in accordance with the requirements of the OM&M plan.
- (40CFR63.1510(g))**

VII. REPORTING

1. The permittee shall submit all initial notifications as specified in 40 CFR 63.1515(a)(1) through (7).
(40 CFR 63.1515(a))
2. The permittee shall submit a notification of compliance status report within 90 days after conducting the initial performance test required by 40 CFR 63.1511(b), or within 90 days after the compliance date established by 40 CFR 63.1501(b) if no initial performance test is required. The notification must be signed by the responsible official who must certify its accuracy. A complete notification of compliance status report must include the information specified in paragraphs 40 CFR 63.1515(a)(1) through (10) of this section. The required information may be submitted in an operating permit application, in an amendment to an operating permit application, in a separate submittal, or in any combination. A complete notification of compliance status must include the information specified in 40 CFR 63.1515(b)(1) through (10). **(40 CFR 63.1515(b))**
3. The permittee shall develop a written plan as described in 40 CFR 63.6(e)(3) that contains specific procedures to be followed for operating and maintaining the source during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and air pollution control equipment used to comply with the standard. The owner or operator shall also keep records of each event as required by 40 CFR 63.10(b) and record and report if an action taken during a startup, shutdown, or malfunction is not consistent with the procedures in the plan as described in 40 CFR 63.6(e)(3). In addition to the information required in 40 CFR 63.6(e)(3), the plan must include all information specified in 40 CFR 63.1516(a)(1) and (2). **(40 CFR 63.1516(a))**
4. The permittee shall submit semiannual reports according to the requirements in 40 CFR 63.10(e)(3). Except, the owner or operator must submit the semiannual reports within 60 days after the end of each 6-month period instead of within 30 days after the calendar half as specified in 40CFR 63.10(e)(3)(v). When no deviations of parameters have occurred, the owner or operator must submit a report stating that no excess emissions occurred during the reporting period. A report must be submitted if the conditions specified in 40 CFR 63.1516(b)(1)(i) through (vii) occur. Each report must include the certifications as specified in 40 CFR 63.1516(b)(2)(i) through (iv). The permittee shall also include the results of any performance test conducted during the reporting period, including one complete report documenting test methods and procedures, process operation, and monitoring parameter ranges or values for each test method used for a particular type of emission point tested. **(40 CFR 63.1516(b))**

5. For the purpose of annual certifications of compliance required by 40 CFR part 70 or 71, the permittee shall certify continuing compliance based upon, but not limited to, the following conditions:
 - a. Any period of excess emissions, as defined in 40CFR63.1516(b)(1) that occurred during the year were reported as required by this subpart; and
 - b. All monitoring, recordkeeping, and reporting requirements were met during the year.**(40 CFR 63.1516(c))**

6. As required by 40CFR§ 63.10(b), the permittee shall maintain files of all information (including all reports and notifications) required by 40CFR63 subparts A and RRR.
 - a. The permittee shall retain each record for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. The most recent 2 years of records must be retained at the facility. The remaining 3 years of records may be retained off site.
 - b. The permittee may retain records on microfilm, electronic storage media, computer disks, magnetic tape, or microfiche; and
 - c. The permittee may report required information on paper or on a labeled electronic storage media using commonly available and EPA-compatible computer software.In addition to the general records required by 40CFR§ 63.10(b), the permittee shall maintain the following records:
 - d. Records of 15-minute block average afterburner operating temperature, including any period when the average temperature in any 3-hour block period falls below the compliant operating parameter value with a brief explanation of the cause of the excursion and the corrective action taken.
 - e. Records of annual afterburner inspections.
 - f. Records of annual inspections of emission capture/collection and closed vent systems.
 - g. Current copy of all required plans, including any revisions, with records documenting conformance with the applicable plan, including:
 - i. Startup, shutdown, and malfunction plan;
 - ii. OM&M plan; and
 - iii. Site-specific secondary aluminum processing unit emission plan (if applicable).**(40 CFR 63.1517)**

VIII. STACK/VENT RESTRICTIONS

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

1. N/A

IX. OTHER REQUIREMENTS

1. The permittee shall comply with all applicable provisions of the National Emission Standards for Hazardous Air Pollutants, as specified in 40 CFR Part 63, Subpart A and Subpart RRR for Secondary Aluminum Production by the initial compliance date. **(40 CFR Part 63, Subparts A and RRR)**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).