



State of Ohio Environmental Protection Agency

**RE: DRAFT PERMIT TO INSTALL  
COLUMBIANA COUNTY**

**CERTIFIED MAIL**

Street Address:

Mailing Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Lazarus Gov.  
Center

**Application No:** 02-22365

**Fac ID:** 0215020367

**DATE:** 2/8/2007

Six Recycling  
Ray Six  
505 Maple St.  
East Liverpool, OH 43920

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43216-1049.

A Permit to Install may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install a fee of **\$400** will be due. Please do not submit any payment now.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Sincerely,

Michael W. Ahern, Manager  
Permit Issuance and Data Management Section  
Division of Air Pollution Control

CC: USEPA NEDO Eastgate Devel & Transportation Study WV PA



STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

**Permit To Install  
Terms and Conditions**

**Issue Date: To be entered upon final issuance  
Effective Date: To be entered upon final issuance**

**DRAFT PERMIT TO INSTALL 02-22365**

Application Number: 02-22365  
Facility ID: 0215020367  
Permit Fee: **To be entered upon final issuance**  
Name of Facility: Six Recycling  
Person to Contact: Ray Six  
Address: 505 Maple St.  
East Liverpool, OH 43920

Location of proposed air contaminant source(s) [emissions unit(s)]:

**505 Maple St.  
East Liverpool, Ohio**

Description of proposed emissions unit(s):

**Aluminum Sweat Furnace.**

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

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Chris Korleski  
Director

**Six Recycling**

**PTI Application: 02-22365**

**Issued: To be entered upon final issuance**

**Part I - GENERAL TERMS AND CONDITIONS**

**Facility ID: 0215020367**

**A. Permit to Install General Terms and Conditions**

**1. Compliance Requirements**

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

**2. Reporting Requirements**

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

**3. Records Retention Requirements**

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

**4. Inspections and Information Requests**

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections,

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Facility ID: 0215020367

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conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

**5. Scheduled Maintenance/Malfunction Reporting**

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

**6. Permit Transfers**

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

**7. Air Pollution Nuisance**

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

**8. Termination of Permit to Install**

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

**Six Recycling****PTI Application: 02-22365****Issued: To be entered upon final issuance****Facility ID: 0215020367****9. Construction of New Sources(s)**

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

**10. Public Disclosure**

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

**11. Applicability**

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

**12. Best Available Technology**

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available

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Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

**13. Source Operation and Operating Permit Requirements After Completion of Construction**

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

**14. Construction Compliance Certification**

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

**15. Fees**

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

**B. Permit to Install Summary of Allowable Emissions**

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)  
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
PE	1.8

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**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

**Operations, Property, and/or Equipment - (P001) - Aluminum King sweat furnace rated at 1.0 mmBtu/hr with maximum charge of 4,000 lbs/day, equipped with an afterburner rated at 1 mmBtu/hr**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.
OAC rule 3745-17-10(B)(1)	Particulate emissions from the sweat furnace burner shall not exceed 0.020 lb/mmBtu of actual heat input.
OAC rule 3745-17-11(B)(1)	Particulate emissions from the stack shall not exceed 0.78 lb/hr.
40 CFR Part 63, Subpart RRR	See sections A.2.a, A.2.b, A.2.c, A.2.d and A.2.e below.

**2. Additional Terms and Conditions**

- 2.a Dioxin and furan emissions shall not exceed 0.80 nanogram toxicity equivalents (TEQ) per dry standard cubic meter at 11 percent oxygen (or  $3.5 \times 10^{-10}$  grains per dry standard cubic foot at 11 percent oxygen).
- 2.b All emissions from the melting of aluminum within the sweat furnace must be collected and directed to an afterburner having a design residence time of 0.8 seconds or greater and an operating temperature of 1,600 degrees Fahrenheit or greater.
- 2.c The afterburner must be in operation when the sweat furnace is in operation.
- 2.d The permittee shall prepare and implement a written Operation, Maintenance and Monitoring (OM&M) plan per the requirements specified in 40 CFR 63.1510(b). The OM&M plan must also include a written certification by the permittee that the OM&M plan satisfies all requirements of the 40 CFR 63.1510(b).

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- 2.e** The permittee shall prepare and maintain a startup, shutdown, and malfunction (SSM) plan per the requirements specified in 40 CFR 63.6(e)(3). This plan is to contain specific procedures to be followed for operating and maintaining the emissions unit during periods of startup, shutdown, and malfunction. The plan is also to include a program of corrective action for any malfunction.

**B. Operational Restrictions**

1. The permittee shall maintain the 3-hour block average operating temperature of the afterburner at or above 1,600 degrees Fahrenheit during the operation of the sweat furnace.
2. The sweat furnace, capture/collection system and afterburner must operate according to the procedures and requirements in the Operation, Maintenance and Monitoring (OM&M) plan.
3. The permittee shall not charge the sweat furnace over the maximum capacity of 4,000 pounds of aluminum scrap per day.
4. The permittee shall not charge the sweat furnace unless the temperature of the afterburner is at or above 1,600 degrees Fahrenheit.
5. The burner for the sweat furnace shall not be operated over its maximum heat capacity of 1.0 mmBtu per hour.
6. The sweat furnace shall utilize a gasoline/oil mixture for fuel. The afterburner shall utilize propane for fuel.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall install, operate, and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the afterburner when the emissions unit is in operation. The requirements for the continuous temperature monitor and recorder are as follows:
  - a. The temperature monitoring device must be installed at the exit of the combustion zone for the afterburner. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and the operating manuals.
  - b. Units shall be in degrees Fahrenheit;

Emissions Unit ID: **P001**

- c. The accuracy for the temperature monitor and recorder shall be guaranteed by the manufacturer to be within +/- 1 percent of the temperature being measured or +/- 5 degrees Fahrenheit, whichever is greater.
  - d. The response range of the data recorder must include zero and 2,400 degrees Fahrenheit.
  - e. The temperature monitor must record the temperature in 15-minute block averages and determine and record the average temperature for each 3-hour block period.
2. The permittee shall inspect the capture/collection system and the afterburner each year and record the results. The inspection, at a minimum, shall include the following:
- a. a check to ensure that all emissions from the melting of aluminum are vented to the afterburner;
  - b. inspection of all burners, pilot assemblies, and pilot sensing devices for proper operation and clean pilot sensor;
  - c. inspection for proper adjustment of combustion air;
  - d. inspection of internal structures (e.g., baffles) to ensure structural integrity;
  - e. inspection of dampers, fans, and blowers for proper operation;
  - f. inspection for proper sealing;
  - g. inspection of motors for proper operation;
  - h. inspection of combustion chamber refractory lining in order to clean and replace the lining as necessary;
  - i. inspection of the afterburner shell for corrosion and/or hot spots;
  - j. documentation, for the burn cycle that follows the inspection, that the afterburner is operating properly and any necessary adjustments have been made; and
  - k. verification that the equipment is maintained in good operating condition.

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Following the inspection, all necessary repairs must be completed in accordance with the requirements of the OM&M plan.

3. The permittee shall keep a log or record of the operating time (date, time and duration) for the sweat furnace, afterburner, and monitoring & recording equipment.
4. The permittee shall keep a record (date and duration) of each startup, shutdown and/or malfunction event when material is in the sweat furnace and the temperature in the afterburner is below 1,600 degrees Fahrenheit. The record shall also include any corrective actions taken during such events.
5. The permittee shall record the amount of material, in pounds, charged to the sweat furnace each day.
6. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. whether the emissions are representative of normal conditions;
  - c. if the emissions are not representative of normal conditions, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

**D. Reporting Requirements**

1. The permittee shall submit an Initial Notification Report to the Ohio EPA Northeast

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Emissions Unit ID: **P001**

District Office (DAPC, 2110 East Aurora Road, Twinsburg, OH 44087), Ohio EPA Central Office (MACT Coordinator in DAPC, P.O. Box 1049, Columbus, OH 43216-1049) and the U.S.EPA Region V Office (Chief of Air Enforcement and Compliance Assurance Branch, Mail Code AE-17J, 77 West Jackson, Chicago, Illinois 60604). The initial notification report is required by 40 CFR 63.1515(a) and must comply with the specifications provided in 40 CFR 63.9(b). The Initial Notification Reports must be submitted as soon as possible, if not yet submitted at the time of permit issuance.

2. The permittee shall submit a Notification of Compliance Status Report to the Ohio EPA Northeast District Office, Ohio EPA Central Office, and the U.S.EPA Region V Office. The Notification of Compliance Status Report must include the information specified in paragraphs (b)(1) through (10) of 40 CFR 63.1515. The Notification of Compliance Status Reports must be submitted as soon as possible, if not yet submitted at the time of permit issuance.
3. The permittee shall submit a copy of its Operation, Maintenance and Monitoring Plan to the Ohio EPA Northeast District Office as soon as possible, if not yet submitted at the time of permit issuance.
4. The permittee shall submit a copy of its Startup, Shutdown and Malfunction Plan to the Ohio EPA Northeast District Office as soon as possible, if not yet submitted at the time of permit issuance.
5. The permittee shall submit semiannual Startup, Shutdown and Malfunction Reports to Ohio EPA Northeast District Office according to the requirements of 40 CFR 63.10(d)(5)(i) to report the information recorded in section C.4 of this permit, and information pertaining to any malfunction that occurred during the 6-month period. The report must be submitted within 30 days after the end of each calendar half, i.e., by January 30 and July 30 of each calendar year). If no such incident occurred during a 6-month period, then no report is necessary.
6. If any action taken by the permittee during a startup, shutdown or malfunction event caused a situation when material was in the sweat furnace but the temperature of the afterburner was below 1,600 degrees Fahrenheit and the action was inconsistent with the procedures specified in the Startup, Shutdown, and Malfunction Plan, the permittee must report the incident to the Ohio EPA Northeast District Office within 2 working days after commencing the action followed by a letter within 7 working days after the end of the event.
7. The permittee must submit semiannual Excess Emissions/Summary reports to the Ohio

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EPA Northeast District Office according to the requirements in 63.10(e)(3). Except, the permittee 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 63.10(e)(3)(v), i.e., by March 1 and August 30 of each calendar year. A report must be submitted if any of these conditions occur during a 6-month reporting period:

- a. The temperature of the afterburner is below 1,600 degrees Fahrenheit; and
- b. An action taken during a startup, shutdown or malfunction was not consistent with the procedures specified in the Startup, Shutdown and Malfunction Plan.

If these conditions did not occur, the permittee must still submit a report stating that no such events occurred during the reporting period.

8. The permittee shall submit semiannual written reports to the Ohio EPA Northeast District Office that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to minimize or eliminate the visible particulate emissions. These reports shall be submitted by January 31 and July 31 of each year and shall cover the previous 6-month period.
9. The permittee shall submit an annual Compliance Certification Report to the Ohio EPA Northeast District Office according to the requirements of 40 CFR 63.1516(c). This report may be included with one of the semiannual reports.
10. The permittee shall report to the Ohio EPA Northeast District Office if any daily charge was over the maximum design of 4,000 pounds. This report may be included with one of the semiannual reports.

**E. Testing Requirements**

1. Compliance with the emission limitations in sections A.1 and A.2 of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - 1.a Emission Limitation:  
Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

Compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified

Emissions Unit ID: P001

in OAC rule 3745-17-03(B)(1).

1.b Emission Limitation:

Particulate emissions from the sweat furnace burner shall not exceed 0.020 lb/mmBtu of actual heat input.

Applicable Compliance Method:

If required pursuant to OAC rule 3745-15-04, the permittee shall demonstrate compliance with the particulate emissions limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR 60, "Standards of Performance for New Stationary Sources," Appendix A, Method 5, and in OAC rule 3745-17-03(B)(9).

1.c Emission Limitation:

Particulate emissions from the stack shall not exceed 0.78 lb/hr.

Applicable Compliance Method:

If required pursuant to OAC rule 3745-15-04, the permittee shall demonstrate compliance with the particulate emissions limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR 60, "Standards of Performance for New Stationary Sources," Appendix A, Method 5, and in OAC rule 3745-17-03(B)(9).

1.d Emission Limitation:

Dioxin and furan emissions shall not exceed 0.80 nanogram toxicity equivalents (TEQ) per dry standard cubic meter at 11 percent oxygen (or  $3.5 \times 10^{-10}$  grains per dry standard cubic foot at 11 percent oxygen).

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Applicable Compliance Method:

In accordance with 40 CFR 631505(f)(1), no compliance test for the dioxin and furan emission limitation is required as long as the permittee operates and maintains an afterburner with a design residence time of 0.8 seconds or greater and an operating temperature of 1600 degrees F or greater. Therefore, compliance shall be assumed provided the permittee complies with the operational, monitoring, record keeping and reporting requirements specified for the afterburner installed for this emissions unit.

1.e Operational Restriction:

The afterburner must have a design residence time of 0.8 seconds or greater.

Applicable Compliance Method:

Residence time means the duration of time required for gases to pass through the combustion zone of the afterburner. Residence time is calculated by dividing the volume (cubic feet) of the combustion zone of the afterburner by the volumetric flow rate of the gas stream in actual cubic feet per second (acfs).

1.f Operational Restriction:

The 3-hour block average operating temperature of the afterburner shall be maintained at or above 1,600 degrees Fahrenheit during the operation of the sweat furnace.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring requirements specified in section C.

**F. Miscellaneous Requirements**

1. The terms and conditions in sections A, B, C, D and E of this permit-to-install shall be federally enforceable.

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**PTI Application: 02-22365**  
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**Facility ID: 0215020367**

Emissions Unit ID: **P001**

SIC CODE 5051 SCC CODE 3-04-001-01 EMISSIONS UNIT ID P001  
 EMISSIONS UNIT DESCRIPTION Aluminum King sweat furnace rated at 1.0 mmBtu/hr with maximum charge of 4,000 lbs/day, equipped with an afterburner rated at 1 mmBtu/hr

DATE INSTALLED October 2000

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	attainment for PM2.5	0.020 lb/mmBtu and 0.78 lb/hr	1.8	0.020 lb/mmBtu and 0.78 lb/hr	1.8
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? **RRR** PSD? OFFSET POLICY?

**WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?**  
**Enter Determination** BAT is not applicable because emissions are less than 10 tons per year.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? no

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES x NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_