



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL  
MADISON COUNTY**

**CERTIFIED MAIL**

Street Address:

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

Mailing Address:

Lazarus Gov.  
Center

**Application No: 01-08040**

**DATE: 11/7/2000**

Showa Aluminum Corporation of America  
Robert Feltz  
10500 ODay Harrison Road  
Mount Sterling, OH 43143-0010

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

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.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo  
Field Operations and Permit Section  
Division of Air Pollution Control

CC: USEPA

CDO



STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

**Permit To Install**

**Issue Date: 11/7/2000**

**FINAL PERMIT TO INSTALL 01-08040**

Application Number: 01-08040  
APS Premise Number: 0149000088  
Permit Fee: **\$550**  
Name of Facility: Showa Aluminum Corporation of America  
Person to Contact: Robert Feltz  
Address: 10500 ODay Harrison Road  
Mount Sterling, OH 43143-0010

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

**10500 ODay Harrison Road  
Mount Sterling, Ohio**

Description of proposed emissions unit(s):

**PTI has 21 different emissions units for coating and process operations.**

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



Director

## **Part I - GENERAL TERMS AND CONDITIONS**

### **A. State and Federally Enforceable Permit To Install General Terms and Conditions**

#### **1. Monitoring and Related Recordkeeping and Reporting Requirements**

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
  - i. The date, place (as defined in the permit), and time of sampling or measurements.
  - ii. The date(s) analyses were performed.
  - iii. The company or entity that performed the analyses.
  - iv. The analytical techniques or methods used.
  - v. The results of such analyses.
  - vi. The operating conditions existing at the time of sampling or measurement.
- b. 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.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
  - i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
  - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous

calendar quarters. See B.11 below if no deviations occurred during the quarter.

- iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
- iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

## **2. 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, i.e., upset, 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. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to 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 emission unit(s) that is (are) served by such control system(s).

## **3. Risk Management Plans**

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

## **4. Title IV Provisions**

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

## **5. Severability Clause**

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition

declared invalid.

## **6. General Requirements**

- a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.
- b. It shall not be a defense for the 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 federally enforceable terms and conditions of this permit.
- c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. 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 request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

## **7. 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.

## **8. Federal and State Enforceability**

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

## 9. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
  - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
  - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.
  - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
  - iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
  - i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
  - ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**10. Permit To Operate Application**

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).
- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. 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 thirty (30) days after commencing operation of the source(s) covered by this permit.

## **B. State Only Enforceable 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 Related to Monitoring and Recordkeeping Requirements**

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping of state-only enforceable 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 state-only required 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 quarterly, i.e., 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. 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.

### **4. 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.

## **5. 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.

## **6. 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 are inadequate 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 prove to be inadequate or cannot meet applicable standards.

## **7. 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.

**8. Applicability**

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

**9. Best Available Technology**

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

**10. 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.

**11. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)**

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 quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

**C. 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>
PM	0.51
VOC	37.44

**Part II - FACILITY SPECIFIC TERMS AND CONDITIONS**

**A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions**

None

**B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions**

None

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

**I. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
N001 - Paint Burnoff Oven, Chapter 31 Modification to PTI 01-1854	OAC rule 3745-31-05 (A) (3)	Particulate matter (PM) emissions shall not exceed 0.51 ton PM per year. See A.I.2.a below.  The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 (A) and 3745-17-09 (A) (B) (C).
	OAC rule 3745-17-09 (A) (B) (C)	Particulate matter (PM) - 0.20 lb PM per 100 pounds of salvageable material charged. See A.I.2.b below.
	OAC rule 3745-17-07 (A)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.

**2. Additional Terms and Conditions**

- 2.a The ton per year PM limit reflects the potential to emit for this emissions unit. Therefore, it is not necessary to develop recordkeeping and/or reporting requirements to ensure compliance with this limit.

- 2.b This emissions unit shall be designed, operated, and maintained so as to prevent the emission of objectionable odors.

## II. Operational Restrictions

1. The temperature of the secondary combustion chamber of the paint burnoff oven shall be 1200 degrees Fahrenheit or greater.

## III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall install, operate, and maintain a continuous temperature monitor and recorder which measures and records the temperature, in degrees Fahrenheit, of the secondary combustion chamber of the paint burnoff oven. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations with any modifications deemed necessary by the permittee. The monitoring and recording devices shall be capable of accurately measuring the desired parameter.
2. The permittee shall maintain a log of all periods of time when the emissions unit is in operation and the secondary combustion chamber was less than 1200 degrees Fahrenheit.

## IV. Reporting Requirements

1. The permittee shall notify the Central District Office, in writing of any record of deviation of the secondary combustion temperature below 1200 degrees Fahrenheit, as well as the corrective action(s) taken. The notification shall include a copy of such record and shall be submitted to Central District Office on a quarterly basis, per the deviation reporting requirements in Section A.1, Monitoring and Related Recordkeeping and Reporting Requirements, of the General Terms and Conditions (Part One).

## V. Testing Requirements

1. Compliance with the emission limitation of these terms and conditions shall be determined in accordance with the following method(s):
  - a. Emissions Limitation:

0.20 lb PM per 100 pounds of salvageable material charged

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**Issued: 11/7/2000**

Emissions Unit ID: N001

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emissions limitation through stack testing in accordance with 40 CFR Part 60, Appendix A, Method 5. Alternative U.S. EPA approved test methods may be used with prior approval from Ohio EPA.

b. Emissions Limitation:

Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.

Emissions Unit ID: N001

Applicable Compliance Method:

If required, compliance shall be demonstrated through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9, and the procedures specified in OAC rule 3745-17-03(B)(1).

c. Emissions Limitation:

Particulate matter (PM) emissions shall not exceed 0.51 tons PM per year.

Applicable Compliance Method:

This limit is based on the maximum rated capacity of the emissions unit (58 lbs of salvageable material per hour) times the allowable emission limit of 0.20 lb particulate matter per 100 lbs salvageable material charged and the maximum operating schedule of 8760 hours per year, divided by 2000 lbs per ton. Compliance with this emissions limit shall be determined by multiplying the maximum rated capacity of the emissions unit (58 lbs of salvageable material per hour) times the allowable emission limit (0.20 lb particulate matter per 100 lbs salvageable material charged) and the actual operating hours per year, divided by 2000 lbs per ton.

**VI. Miscellaneous Requirements**

1. This air permit-to-install replaces air permit-to-install 01-1854 issued on June 8, 1988.

**B. State Only Enforceable Section****I. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
N001 - Paint Burnoff Oven, Chapter 31 Modification to PTI 01-1854	None	None

**2. Additional Terms and Conditions**

2.a None

**II. Operational Restrictions**

None

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

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

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**Issued: 11/7/2000**

Emissions Unit ID: N001

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

**I. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P017 - Evaporator Fin Machine Number 1 for stamping of fin material, Chapter 31 modification to PTI 01-2477	OAC rule 3745-31-05 (A) (3)	Volatile organic compound (VOC) emissions shall not exceed 2.85 pounds per hour and 12.48 tons per year. See A.I.2.a below.
	OAC rule 3745-21-09 (U) (2) (e)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09 (U) (2) (e).
		Evaporator oil usage shall not exceed ten (10) gallons per day.

**2. Additional Terms and Conditions**

- 2.a The pounds per hour VOC limit reflects the potential to emit for this emissions unit. Therefore, it is not necessary to develop recordkeeping and/or reporting requirements to ensure compliance with this limit.

**II. Operational Restrictions**

None

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

**Issued: 11/7/2000**

1. The permittee shall collect and record the following information each day for the evaporator fin machine:
  - a. The name and identification number of the evaporator oil employed.
  - b. The volume, in gallons, of the evaporator oil employed.
  - c. The VOC content of the evaporator oil as applied, in pounds per gallon.

**IV. Reporting Requirements**

1. The permittee shall notify the Central District Office in writing of any daily record showing that the evaporator fin machine employs more than the applicable maximum daily evaporator oil usage limit. The notification shall include a copy of such record and shall be sent to the Central District Office within 45 days after the exceedance occurs.
2. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

**V. Testing Requirements**

1. Compliance with the emissions limitation of these terms and conditions shall be determined in accordance with the following method(s):
  - a. Emissions Limitation:

Allowable hourly volatile organic compound (VOC) emissions shall not exceed 2.85 pounds per hour, and the allowable annual VOC emissions from this emissions unit shall not exceed 12.48 tons VOC per year.

Applicable Compliance Method:

Compliance with these emissions limitations shall be determined through recordkeeping as required in section A.III.1. The following calculations as provided by the facility shall be used to determine the hourly and annual

Emissions Unit ID: P017

VOC emissions:

Maximum of ten (10) gallons of oil (the functional coating) used per day VOC content of oil is 6.84 lbs per gallon (10 gallons/day) x (6.84 lbs VOC/gallon) x (one day/24 hours) = 2.85 lbs VOC / hour (2.85 lbs/hr) x (8760 hr/year) x (1 ton/2000 lbs) = 12.48 tons VOC per year

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound contents of the coating.

b. Emissions Limitation:

Evaporator oil usage shall not exceed ten (10) gallons per day.

Applicable Compliance Method:

Compliance with this emissions limitation shall be determined through recordkeeping as required in section A.III.1.

## VI. Miscellaneous Requirements

1. This air permit-to-install replaces air permit-to-install 01-2477 issued on February 7, 1990.

**B. State Only Enforceable Section**

**I. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P017 - Evaporator Fin Machine Number 1 for stamping of fin material, Chapter 31 modification to PTI 01-2477	None	None

**2. Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

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

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

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**Issued: 11/7/2000**

Emissions Unit ID: P017

None

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

**I. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P028 - Evaporator Fin Machine Number 2 for stamping of fin material, Chapter 31 modification to PTI 01-6734	OAC rule 3745-31-05 (A) (3)	Volatile organic compound (VOC) emissions shall not exceed 2.85 pounds per hour and 12.48 tons per year. See A.I.2.a below.
	OAC rule 3745-21-09 (U) (2) (e)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09 (U) (2) (e).  Evaporator oil usage shall not exceed ten (10) gallons per day.

**2. Additional Terms and Conditions**

- 2.a The pounds per hour VOC limit reflects the potential to emit for this emissions unit. Therefore, it is not necessary to develop recordkeeping and/or reporting requirements to ensure compliance with this limit.

**II. Operational Restrictions**

None

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

**Issued**

Emissions Unit ID: P028

1. The permittee shall collect and record the following information each day for the evaporator fin machine:
  - a. The name and identification number of the evaporator oil employed.
  - b. The volume, in gallons, of the evaporator oil employed.
  - c. The VOC content of the evaporator oil as applied, in pounds per gallon.

**IV. Reporting Requirements**

1. The permittee shall notify the Central District Office in writing of any daily record showing that the evaporator fin machine employs more than the applicable maximum daily evaporator oil usage limit. The notification shall include a copy of such record and shall be sent to the Central District Office within 45 days after the exceedance occurs.
2. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

**V. Testing Requirements**

1. Compliance with the emission limitation of these terms and conditions shall be determined in accordance with the following method(s):
  - a. Emissions Limitation:

Allowable hourly volatile organic compound (VOC) emissions shall not exceed 2.85 pounds per hour, and the allowable annual VOC emissions from this emissions unit shall not exceed 12.48 tons VOC per year.

Applicable Compliance Method:

Compliance with these emissions limitations shall be determined through recordkeeping as required in section A.III.1. The following calculations as provided by the facility shall be used to determine the hourly and annual VOC emissions:

Maximum of ten (10) gallons of oil (the functional coating) used per day  
 VOC content of oil is 6.84 lbs per gallon (10

gallons/day) x (6.84 lbs VOC/gallon) x (one day/24 hours) = 2.85 lbs VOC / hour (2.85 lbs/hr) x (8760 hr/year) x (1 ton/2000 lbs) = 12.48 tons VOC per year

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound contents of the coating.

b. Emissions Limitation:

Evaporator oil usage shall not exceed ten (10) gallons per day.

Applicable Compliance Method:

Compliance with this emissions limitation shall be determined through recordkeeping as required in section A.III.1.

**VI. Miscellaneous Requirements**

1. This air permit-to-install replaces air permit-to-install 01-6734 issued on April 9, 1997.

**B. State Only Enforceable Section**

**I. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P028 - Evaporator Fin Machine Number 2 for stamping of fin material, Chapter 31 modification to PTI 01-6734	None	None

**2. Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

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

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

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Showa

PTI A<sub>1</sub>

**Issued: 11/7/2000**

Emissions Unit ID: P028

None

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

**I. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P029 - Evaporator Fin Machine Number 3 for stamping of fin material, Chapter 31 modification to PTI 01-6734	OAC rule 3745-31-05 (A) (3)	Volatile organic compound (VOC) emissions shall not exceed 2.85 pounds per hour and 12.48 tons per year. See A.I.2.a below.
	OAC rule 3745-21-09 (U) (2) (e)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09 (U) (2) (e).  Evaporator oil usage shall not exceed ten (10) gallons per day.

**2. Additional Terms and Conditions**

- 2.a The pounds per hour VOC limit reflects the potential to emit for this emissions unit. Therefore, it is not necessary to develop recordkeeping and/or reporting requirements to ensure compliance with this limit.

**II. Operational Restrictions**

None

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

**Issued**

Emissions Unit ID: P029

1. The permittee shall collect and record the following information each day for the evaporator fin machine:
  - a. The name and identification number of the evaporator oil employed.
  - b. The volume, in gallons, of the evaporator oil employed.
  - c. The VOC content of the evaporator oil as applied, in pounds per gallon.

**IV. Reporting Requirements**

1. The permittee shall notify the Central District Office in writing of any daily record showing that the evaporator fin machine employs more than the applicable maximum daily evaporator oil usage limit. The notification shall include a copy of such record and shall be sent to the Central District Office within 45 days after the exceedance occurs.
2. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

**V. Testing Requirements**

1. Compliance with the emission limitation of these terms and conditions shall be determined in accordance with the following method(s):
  - a. Emissions Limitation:

Allowable hourly volatile organic compound (VOC) emissions shall not exceed 2.85 pounds per hour, and the allowable annual VOC emissions from this emissions unit shall not exceed 12.48 tons VOC per year.

Applicable Compliance Method:

Compliance with this emissions limitation shall be determined through recordkeeping as required in section A.III.1. The following calculations as provided by the facility shall be used to determine the hourly and annual VOC emissions:

Maximum of ten (10) gallons of oil (the functional coating) used per day VOC content of oil is 6.84 lbs per gallon (10 gallons/day) x (6.84 lbs VOC/gallon) x (one

day/24 hours) = 2.85 lbs VOC / hour (2.85 lbs/hr) x (8760 hr/year) x (1 ton/2000 lbs) = 12.48 tons VOC per year

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound contents of the coating.

b. Emissions Limitation:

Evaporator oil usage shall not exceed ten (10) gallons per day.

Applicable Compliance Method:

Compliance with this emissions limitation shall be determined through recordkeeping as required in section A.III.1.

## VI. Miscellaneous Requirements

1. This air permit-to-install replaces air permit-to-install 01-6734 issued on April 9, 1997.

**B. State Only Enforceable Section****I. 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P029 - Evaporator Fin Machine Number 3 for stamping of fin material, Chapter 31 modification to PTI 01-6734	None	None

**2. Additional Terms and Conditions****2.a** None**II. Operational Restrictions**

None

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

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

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Showa Aluminum Corporation of America

PTI Application: **01 09040**

**Issued**

Facility ID: **0149000088**

Emissions Unit ID: P029

None

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-08040

Facility ID: 0149000088

FACILITY NAME Showa Aluminum Corporation of America

FACILITY DESCRIPTION Manufacture aluminum components for automobiles and other industries CITY/TWP Mount Sterling

Emissions Unit ID: P029

SIC CODE 3714 SCC CODE 3-14-999-99 EMISSIONS UNIT ID N001

EMISSIONS UNIT DESCRIPTION Paint Burnoff Oven, Modification to PTI 01 1854

DATE INSTALLED 11/88

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				0.51
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?  
Compliance with applicable rules and regulations.

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 NO

IDENTIFY THE AIR CONTAMINANTS:

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-08040

Facility ID: 0149000088

FACILITY NAME Showa Aluminum Corporation of America

FACILITY DESCRIPTION Manufacture aluminum components for CITY/TWP Mount Sterling

Emissions Unit ID: P029

SIC CODE 3714

SCC CODE 3-14-999-99

EMISSIONS UNIT ID P017

EMISSIONS UNIT DESCRIPTION Evaporator Fin Machine Number 1, Modification to PTI 01 2477

DATE INSTALLED 1/2/90

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					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds	Attainment			2.85 lb/hr	12.48
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS?

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

**Compliance with applicable rules and regulations.**

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

NO

IDENTIFY THE AIR CONTAMINANTS:

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-08040

Facility ID: 0149000088

FACILITY NAME Showa Aluminum Corporation of America

FACILITY DESCRIPTION Manufacture aluminum components for CITY/TWP Mount Sterling

Emissions Unit ID: P029

SIC CODE 3714 SCC CODE 3-14-999-99 EMISSIONS UNIT ID P028

EMISSIONS UNIT DESCRIPTION Evaporator Fin Machine Number 2, Modification to PTI 01 6734

DATE INSTALLED 4/97

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					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds	Attainment			2.85 lb/hr	12.48
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS?

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Compliance with applicable rules and regulations.

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 \_\_\_\_\_ NO

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

**3 NEW SOURCE REVIEW FORM B**

PTI Number: 01-08040

Facility ID: 0149000088

FACILITY NAME Showa Aluminum Corporation of America

FACILITY DESCRIPTION Manufacture aluminum components for automobiles and other industries CITY/TWP Mount Sterling

Emissions Unit ID: P029

SIC CODE 3714 SCC CODE 3-14-999-99 EMISSIONS UNIT ID P029

EMISSIONS UNIT DESCRIPTION Evaporator Fin Machine Number 3, Modification to PTI 01 6734

DATE INSTALLED 5/97

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					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds	Attainment			2.85 lb/hr	12.48
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS?

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

**Compliance with applicable rules and regulations.**

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

NO

IDENTIFY THE AIR CONTAMINANTS:

**38 NEW SOURCE REVIEW FORM B**

PTI Number: 01-08040

Facility ID: 0149000088

FACILITY NAME Showa Aluminum Corporation of America

FACILITY DESCRIPTION Manufacture aluminum components for CITY/TWP Mount Sterling

Emissions Unit ID: P029

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

**39 NEW SOURCE REVIEW FORM B**

PTI Number: 01-08040

Facility ID: 0149000088

FACILITY NAME Showa Aluminum Corporation of America

FACILITY DESCRIPTION Manufacture aluminum components for CITY/TWP Mount Sterling

Emissions Unit ID: P029

Ohio EPA Permit to Install Information Form Please describe below any documentation which is being submitted with this recommendation (must be sent the same day). Electronic items should be submitted with the e-mail transmitting the PTI terms, and in software that CO can utilize. If mailing any hard copy, this section must be printed as a cover page. All items must be clearly labeled indicating the PTI name and number. Submit **hard copy items to Pam McGraner**, AQM&P, DAPC, Central Office, and electronic files to [airpti@epa.state.oh.us](mailto:airpti@epa.state.oh.us)

Please fill out the following. If the checkbox does not work, replace it with an 'X'

	<u>Electronic</u>	<u>Additional information File Name Convention (your PTI # plus this letter)</u>	<u>Hard Copy</u>	<u>None</u>
<u>Calculations (required)</u>	<input checked="" type="checkbox"/>	0000000c.wpd	<input type="checkbox"/>	
<u>Modeling form/results</u>	<input type="checkbox"/>	0000000s.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>PTI Application (complete or partial)*</u>	<input type="checkbox"/>	0000000a.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>BAT Study</u>	<input type="checkbox"/>	0000000b.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>Other/misc.</u>	<input type="checkbox"/>	0000000t.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>

\* Mandatory for netting, PSD, nonattainment NSR, 112(g), 21-07(G)(9)(g) and 21-09(U)(2)(f) - 2 complete copies.

Please complete (see comment bubble to the left for additional instructions):

NSR Discussion

Showa Aluminum Corporation of America (Showa) submitted a PTI application to update the permit status of its facility located at 10500 O'Day Harrison Road, Mt. Sterling, Madison County. Showa manufactures aluminum components for the automotive industry; they also manufacture aluminum photocopier tubes. These emissions units were previously permitted, but the facility is requesting a Chapter 31 modification. Two of the units (N001 and P017) were modified before July 1993, so the fees are not doubled for those units. Showa, a Title V facility, is located in Madison County which is in attainment for all pollutants. PSD and MACT rules do not apply to these emissions units.

Three of the emissions units in this PTI--P017, P028, and P029, the evaporator fin machines--had the wrong rules cited in their original PTIs. In hindsight, these units should have been permitted using OAC rule 3745-21-09 (U) (2) (e). This rule allows ten gallons per day (facility is in Madison County) of coating usage. The rule does not require the use of control equipment. The use of catalytic oxidizers (incinerators) was included in the permit conditions for the original PTIs; however, it is not clear that the use of the catalytic oxidizers is BAT. Showa wants to remove the catalytic oxidizers and use them on different emissions units. Showa says that the present VOC load is so small on the catalytic oxidizer bed that the control devices are having difficulty meeting the temperature specifications at the end of the catalytic bed. In addition, Showa feels the control devices will be significantly more useful if they are installed on other emissions units at the facility. CDO discussed this matter with Mike Hopkins, DAPC, and Hopkins said to check with similar manufacturing operations and determine whether any control devices are used. CDO found one facility, Valeo Climate Control, FAC ID 14 09 04 0801, that has similar emissions units. CDO discussed the permitting for Valeo's units with Ajay Bahri of the Hamilton County Environmental Services. Valeo does not use any control devices on their fin presses, but they do have a ten gallon per day limit on the coating usage. Using Valeo as a benchmark, CDO concludes that the similar emissions at Showa Aluminum should be permitted with the ten gallon per day limit and not be required to use catalytic oxidizers as control devices.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-08040

Facility ID: 0149000088

FACILITY NAME Showa Aluminum Corporation of America

FACILITY DESCRIPTION Manufacture aluminum components for CITY/TWP Mount Sterling

Emissions Unit ID: P029

**Emissions calculations are provided below. Based on information provided by the facility and a conversation with Paul Koval, Air Toxics Unit, CDO also concludes that the evaporator oil (functional coating) used with these emissions units is not subject to the Air Toxics Policy. Please contact Mike Ebner at 728-3807 if you have any questions.**

**N001 - Paint Burnoff Oven**

Maximum rated capacity of the emissions unit: 58 lbs of salvageable material per hour

Allowable emission limit: 0.20 lb particulate matter per 100 lbs salvageable material charged

$(58 \text{ lbs of salvageable material per hour}) \times (0.20 \text{ lb particulate matter per } 100 \text{ lbs salvageable material charged}) \times (8760 \text{ hr/yr}) \times (1 \text{ ton/ } 2000 \text{ lb}) = 0.51 \text{ ton PM/yr}$

**P017 - Evaporator Fin Machine No. 1**

Maximum of ten (10) gallons of oil (the functional coating) used per day

VOC content of oil is 6.84 lbs per gallon

$(10 \text{ gallons/day}) \times (6.84 \text{ lbs VOC/gallon}) \times (\text{one day/}24 \text{ hours}) = 2.85 \text{ lbs VOC per hour}$

$(2.85 \text{ lbs/hr}) \times (8760 \text{ hr/year}) \times (1 \text{ ton/}2000 \text{ lbs}) = 12.48 \text{ tons VOC per year}$

**P028 - Evaporator Fin Machine No. 2**

Same as P017

**P029 - Evaporator Fin Machine No. 3**

Same as P017

**Please complete for these type permits (For PSD/NSR Permit, place mouse over this text):**

Synthetic Minor Determination and/or  Netting Determination  
Permit To Install ENTER PTI NUMBER HERE

**A. Source Description**

**B. Facility Emissions and Attainment Status**

**C. Source Emissions**

**D. Conclusion**

**PLEASE PROVIDE ADDITIONAL NOTES OR COMMENTS AS NECESSARY:**

NONE

**Please complete:**

41 **NEW SC**

PTI Num

**FACILITY**

FACILITY DESCRIPTION

Manufacture aluminum components for  
automobiles and other industries

CITY/TWP

Emissions Unit ID: P029

Mount Sterling

**SUMMARY (for informational purposes only)**

**TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

**Pollutant**

**Tons Per Year**

**PM**

**0.51**

**VOC**

**37.44**