



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: 01-08810

DATE: 1/29/2004

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

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
309 South Fourth Street, Room 222
Columbus, Ohio 43215

Sincerely,

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

CDO



STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

**Permit To Install
Terms and Conditions**

**Issue Date: 1/29/2004
Effective Date: 1/29/2004**

FINAL PERMIT TO INSTALL 01-08810

Application Number: 01-08810
APS Premise Number: 0149000088
Permit Fee: **\$950**
Name of Facility: Showa Aluminum Corporation of America
Person to Contact: Robert Feltz
Address: 10500 ODay Harrison Road
Mount Sterling, OH 43143

Location of proposed air contaminant source(s) [emissions unit(s)]:
10500 ODay Harrison Road
Mount Sterling, Ohio

Description of proposed emissions unit(s):
Condensor core builder lines P018 P019 P020 and P034.

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.9 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 ninety (90) days after commencing operation of the source(s) covered by this permit.

11. 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.

12. 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.

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

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

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.

4. 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.

5. 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.

6. 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.

7. 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).

8. 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.

9. **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

Pollutant
VOC

Tons Per Year
23.2

11

Showa Aluminum Corporation of America

PTI Application: **01-08810**

Issued: 1/29/2004

Facility ID: **0149000088**

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>
P068 - Aluminum Header Press	OAC rule 3745-31-05(A)(3)	Volatile organic compound (VOC) emissions shall not exceed 1.04 pounds per hour and 4.6 tons per year.
	OAC rule 3745-21-09(U)(2)(e)	Oil usage shall not exceed ten (10) gallons per day.

2. Additional Terms and Conditions

- 2.a The short-term emission limitation and annual emission limitation were established to reflect the potentials to emit for this emissions unit. Therefore, it is not necessary to develop any additional monitoring, record keeping and/or reporting requirements to ensure compliance with these emission limitations.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:
VOC emissions shall not exceed 1.04 pounds per hour and 4.6 tons per year.

Applicable Compliance Method:

Research showed 18.1 pounds of oil used on a day when 52,197 headers were coated with oil.

$$(18.1 \text{ lbs oil}/52,197 \text{ headers}) = 0.0003 \text{ lb oil/header}$$

Maximum headers per day is 72,000

$$(0.0003 \text{ lb/header})(72,000 \text{ headers/day}) = 24.9 \text{ lbs oil/day} / 24 \text{ hours} = 1.04 \text{ lbs oil/hour}$$

Compliance with the annual VOC emission limitation is ensured if compliance is maintained with the hourly VOC emission limitation. The annual VOC emission limitation was determined by multiplying the hourly VOC emission limitation by 8760 hours/year and dividing by 2,000 lbs/ton.

- b. Emission Limitation:
Oil usage shall not exceed ten (10) gallons per day.

Applicable Compliance Method:

The specific gravity of the oil used is 0.8198

$$(0.8198)(8.34 \text{ lbs/gallon}) = 6.8 \text{ lbs/gallon}$$

If 18.1 pounds of oil is used per day

$$(18.1 \text{ lbs/day}) / (6.8 \text{ lbs/gallon}) = 2.7 \text{ gallons/day}$$

VI. Miscellaneous Requirements

None

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>
P068 - Aluminum Header Press	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

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>
P083 - Extrusion Oiler	OAC rule 3745-31-05(A)(3)	Volatile organic compound (VOC) emissions shall not exceed 0.86 pound per hour and 3.8 tons per year.
	OAC rule 3745-21-09(U)(2)(e)	Oil usage shall not exceed ten (10) gallons per day

2. Additional Terms and Conditions

- 2.a The short-term emission limitation and annual emission limitation were established to reflect the potentials to emit for this emissions unit. Therefore, it is not necessary to develop any additional monitoring, record keeping and/or reporting requirements to ensure compliance with these emission limitations.

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:
VOC emissions shall not exceed 0.86 pound per hour and 3.8 tons per year.

Applicable Compliance Method:

Research showed 17.0 pounds of oil used on a day when 9425 kg of tubing were coated with oil.

$$(17.0 \text{ lbs oil} / 9425 \text{ kg tubing}) = 0.002 \text{ lb oil/kg tubing}$$

Maximum tubing per day is 11,500 kg

$$(0.002 \text{ lb oil} / \text{kg tubing})(11,500 \text{ kg tubing/day}) = 20.7 \text{ lbs oil/day} / 24 \text{ hours} = 0.86 \text{ lbs oil/hour}$$

Compliance with the annual VOC emission limitation is ensured if compliance is maintained with the hourly VOC emission limitation. The annual VOC emission limitation was determined by multiplying the hourly VOC emission limitation by 8760 hours/year and dividing by 2,000 lbs/ton.

- b. Emission Limitation:
Oil usage shall not exceed ten (10) gallons per day.

Applicable Compliance Method:

The specific gravity of the oil used is 0.8198

$$(0.8198)(8.34 \text{ lbs/gallon}) = 6.8 \text{ lbs/gallon}$$

If 17.0 pounds of oil is used per day

$$(17.0 \text{ lbs/day}) / (6.8 \text{ lbs/gallon}) = 2.5 \text{ gallons/day}$$

VI. Miscellaneous Requirements

None

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>
P083 - Extrusion Oiler	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

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>
P018 - Condenser core building line 1 and oven with thermal incinerator	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compound (VOC) emissions shall not exceed 0.84 pound per hour and 3.7 tons per year.</p> <p>See sections A.I.2.a, and A.II.1 and 2 below.</p>
	OAC rule 3745-21-09(U)(2)(e)	The coating usage exemption level specified by this rule is equal to the coating usage restriction established by OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a The permittee shall employ a thermal incinerator with a minimum control efficiency of 95% to control VOC emissions from the oven whenever the emissions unit is in operation.

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be less than 1,350 degrees Fahrenheit.
2. Condenser core building line oil usage shall not exceed ten (10) gallons per day.
3. The permittee shall burn only natural gas in this emissions unit.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. 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.
2. The permittee shall collect and record the following information for each day:
 - a. all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1,350 degrees Fahrenheit; and
 - b. a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
3. The permittee shall collect and record the following information each day for the condenser core building line:
 - a. the name and identification number of each condenser oil employed;
 - b. the number of gallons of each condenser oil employed;
 - c. the total gallons of all condenser oil employed;
 - d. the VOC content of each condenser oil employed, in pounds per gallon;
 - e. the total hours of operation;
 - f. the total uncontrolled VOC emission rate from the production line, in pounds/hour [i.e., the summation of $\{(b) \times (d)\}/(e)$ for all condenser oils employed, minus 0.6 lb/hour* (from fugitive emissions)];
 - g. the total controlled VOC emission rate from the oven, in pounds/hour [i.e., (f) x (the control efficiency from the most recent emission test that demonstrated the emissions unit was in compliance)]; and
 - h. the total average hourly VOC emission rate, in pounds/ hour [i.e., (g) plus 0.6 lb/hour

(from fugitive emissions)].*

* The 0.6 lb/hour VOC fugitive emission rate from the production line was determined by the permittee through mass balance calculations. The total hourly VOC emission rate equals the controlled VOC emissions from the oven, plus the fugitive VOC emissions from the production line.

4. For each day during which the permittee burns a fuel other than natural gas the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator does not comply with the temperature limitation specified above.

The deviation reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit.

2. The permittee shall notify the Ohio EPA, Central District Office in writing of any daily record showing that the condenser core building line employed more than the maximum daily condenser oil usage limit. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Central District Office within 45 days after the exceedance occurs.
3. The permittee shall submit deviation (excursion) reports that identify all exceedances of the hourly VOC emission limitation.

The deviation reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit.

4. The permittee shall also submit annual reports that specify the total VOC emissions, in tons, from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
5. The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit.

V. Testing Requirements

1. Compliance with the emission limitations and material usage restriction of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation:
thermal incinerator with a minimum control efficiency of 95%
- Applicable Compliance Method:
The permittee shall conduct, or have conducted, VOC emission testing for this emissions unit to demonstrate compliance with the minimum control efficiency requirements of section A.I.2.a in accordance with the Title V permit.
- b. Emission Limitation:
0.84 pound of VOC per hour
- Applicable Compliance Method:
Compliance with the pound per hour VOC emission limitation shall be determined by the record keeping specified in section A.III.3.
- In addition, compliance with the hourly VOC emission limitation shall be determined in accordance with the emission testing requirement specified in section A.V.1.
- c. Emission Limitation:
3.7 tons of VOC per year
- Applicable Compliance Method:
Compliance with the annual VOC emission limitation is ensured if compliance is maintained with the hourly VOC emission limitation (the annual VOC emission limitation was determined by multiplying the hourly VOC emission limitation and dividing by 2,000 lbs/ton).
- d. Material Usage Restriction:
Condenser core building line oil usage shall not exceed ten (10) gallons per day.
- Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in section A.III.3 of this permit.

VI. Miscellaneous Requirements

None

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>
P018 - Condenser core building line 1 and oven with thermal incinerator	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

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>
P019 - Condenser core building line 2 and oven with thermal incinerator	OAC rule 3745-31-05(A)(3)	Volatile organic compound (VOC) emissions shall not exceed 0.84 pound per hour and 3.7 tons per year. See sections A.I.2.a, and A.II.1 and 2 below.
	OAC rule 3745-21-09(U)(2)(e)	The coating usage exemption level specified by this rule is less stringent than the coating usage restriction established by OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**

- 2.a The permittee shall employ a thermal incinerator with a minimum control efficiency of 95% to control VOC emissions from the oven whenever the emissions unit is in operation.

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be less than 1,350 degrees Fahrenheit.
2. Condenser core building line oil usage shall not exceed ten (10) gallons per day.
3. The permittee shall burn only natural gas in this emissions unit.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. 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.
2. The permittee shall collect and record the following information for each day:
 - a. all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1,350 degrees Fahrenheit; and
 - b. a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
3. The permittee shall collect and record the following information each day for the condenser core building line:
 - a. the name and identification number of each condenser oil employed;
 - b. the number of gallons of each condenser oil employed;
 - c. the total gallons of all condenser oil employed;
 - d. the VOC content of each condenser oil employed, in pounds per gallon;
 - e. the total hours of operation;
 - f. the total uncontrolled VOC emission rate from the production line, in pounds/hour [i.e., the summation of $\{(b) \times (d)\} / (e)$ for all condenser oils employed, minus 0.6 lb/hour* (from fugitive emissions)];
 - g. the total controlled VOC emission rate from the oven, in pounds/hour [i.e., (f) x (the control efficiency from the most recent emission test that demonstrated the emissions unit was in compliance)]; and
 - h. the total average hourly VOC emission rate, in pounds/ hour [i.e., (g) plus 0.6 lb/hour (from fugitive emissions)].*

Emissions Unit ID: P019

- * The 0.6 lb/hour VOC fugitive emission rate from the production line was determined by the permittee through mass balance calculations. The total hourly VOC emission rate equals the controlled VOC emissions from the oven, plus the fugitive VOC emissions from the production line.
4. For each day during which the permittee burns a fuel other than natural gas the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator does not comply with the temperature limitation specified above.

The deviation reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit

2. The permittee shall notify the Ohio EPA, Central District Office in writing of any daily record showing that the condenser core building line employed more than the maximum daily condenser oil usage limit. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Central District Office within 45 days after the exceedance occurs.
3. The permittee shall submit deviation (excursion) reports that identify all exceedances of the hourly VOC emission limitation.

The deviation reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit.

4. The permittee shall also submit annual reports that specify the total VOC emissions, in tons, from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
5. The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit.

V. Testing Requirements

1. Compliance with the emission limitations and material usage restriction of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation:
thermal incinerator with a minimum control efficiency of 95%

Applicable Compliance Method:

The permittee shall conduct, or have conducted, VOC emission testing for this emissions unit to demonstrate compliance with the minimum control efficiency requirements of section A.I.2.a in accordance with the Title V Permit.

- b. Emission Limitation:
0.84 pound of VOC per hour

Applicable Compliance Method:

Compliance with the pound per hour VOC emission limitation shall be determined by the record keeping specified in section A.III.3.

In addition, compliance with the hourly VOC emission limitation shall be determined in accordance with the emission testing requirement specified in section A.V.1.

- c. Emission Limitation:
3.7 tons of VOC per year

Applicable Compliance Method:

Compliance with the annual VOC emission limitation is ensured if compliance is maintained with the hourly VOC emission limitation (the annual VOC emission limitation was determined by multiplying the hourly VOC emission limitation and dividing by 2,000 lbs/ton).

- d. Material Usage Restriction:
Condenser core building line oil usage shall not exceed ten (10) gallons per day.

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements specified in section A.III.3 of this permit.

VI. Miscellaneous Requirements

None

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>
P019 - Condenser core building line 2 and oven with thermal incinerator	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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Showa Aluminum Corporation of America

PTI Application: **01-08810**

Issued

Facility ID: **0149000088**

Emissions Unit ID: P019

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>
P020 - Condenser core building line 3 and 2 ovens with thermal incinerator	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compound (VOC) emissions shall not exceed 0.84 pound per hour and 3.7 tons per year.</p> <p>See sections A.I.2.a, and A.II.1 and 2 below.</p>
	OAC rule 3745-21-09(U)(2)(e)	The coating usage exemption level specified by this rule is less stringent than the coating usage restriction established by OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a The permittee shall employ a thermal incinerator with a minimum control efficiency of 95% to control VOC emissions from the ovens whenever the emissions unit is in operation.

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be less than 1,350 degrees Fahrenheit.
2. Condenser core building line oil usage shall not exceed ten (10) gallons per day.
3. The permittee shall burn only natural gas in this emissions unit.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. 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.
2. The permittee shall collect and record the following information for each day:
 - a. all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1,350 degrees Fahrenheit; and
 - b. a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
3. The permittee shall collect and record the following information each day for the condenser core building line:
 - a. the name and identification number of each condenser oil employed;
 - b. the number of gallons of each condenser oil employed;
 - c. the total gallons of all condenser oil employed;
 - d. the VOC content of each condenser oil employed, in pounds per gallon;
 - e. the total hours of operation;
 - f. the total uncontrolled VOC emission rate from the production line, in pounds/hour [i.e., the summation of $\{(b) \times (d)\}/(e)$ for all condenser oils employed, minus 0.6 lb/hour* (from fugitive emissions)];
 - g. the total controlled VOC emission rate from the oven, in pounds/hour [i.e., $(f) \times$ (the control efficiency from the most recent emission test that demonstrated the emissions unit was in compliance)]; and

Emissions Unit ID: P020

- h. the total average hourly VOC emission rate, in pounds/ hour [i.e., (g) plus 0.6 lb/hour (from fugitive emissions)].*

* The 0.6 lb/hour VOC fugitive emission rate from the production line was determined by the permittee through mass balance calculations. The total hourly VOC emission rate equals the controlled VOC emissions from the oven, plus the fugitive VOC emissions from the production line.

4. For each day during which the permittee burns a fuel other than natural gas the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator does not comply with the temperature limitation specified above.

The deviation reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit.

2. The permittee shall notify the Ohio EPA, Central District Office in writing of any daily record showing that the condenser core building line employed more than the maximum daily condenser oil usage limit. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Central District Office within 45 days after the exceedance occurs.
3. The permittee shall submit deviation (excursion) reports that identify all exceedances of the hourly VOC emission limitation.

The deviation reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit.

4. The permittee shall also submit annual reports that specify the total VOC emissions, in tons, from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
5. The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit.

V. Testing Requirements

1. Compliance with the emission limitations and material usage restriction of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation:
thermal incinerator with a minimum control efficiency of 95%

Applicable Compliance Method:

The permittee shall conduct, or have conducted, VOC emission testing for this emissions unit to demonstrate compliance with the minimum control efficiency requirements of section A.I.2.a in accordance with the

Title V Permit.

- b. Emission Limitation:
0.84 pound of VOC per hour

Applicable Compliance Method:

Compliance with the pound per hour VOC emission limitation shall be determined by the record keeping specified in section A.III.3.

In addition, compliance with the hourly VOC emission limitation shall be determined in accordance with the emission testing requirement specified in section A.V.1.

- c. Emission Limitation:
3.7 tons of VOC per year

Applicable Compliance Method:

Compliance with the annual VOC emission limitation is ensured if compliance is maintained with the hourly VOC emission limitation (the annual VOC emission limitation was determined by multiplying the hourly VOC emission limitation and dividing by 2,000 lbs/ton).

- d. Material Usage Restriction:
Condenser core building line oil usage shall not exceed ten (10) gallons per day.

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements specified in section A.III.3 of this permit.

VI. Miscellaneous Requirements

None

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>
P020 - Condenser core building line 3 and 2 ovens with thermal incinerator	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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Showa Aluminum Corporation of America

PTI Application: **01-08810**

Issued

Facility ID: **0149000088**

Emissions Unit ID: P020

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>
P034 - Condenser core builder line 4 and oven with thermal incinerator	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compound (VOC) emissions shall not exceed 0.84 pound per hour and 3.7 tons per year.</p> <p>See sections A.I.2.a, and A.II.1 and 2 below.</p>
	OAC rule 3745-21-09(U)(2)(e)	The coating usage exemption level specified by this rule is less stringent than the coating usage restriction established by OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a The permittee shall employ a thermal incinerator with a minimum control efficiency of 95% to control VOC emissions from the oven whenever the emissions unit is in operation.

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be less than 1,350 degrees Fahrenheit.
2. Condenser core building line oil usage shall not exceed ten (10) gallons per day.
3. The permittee shall burn only natural gas in this emissions unit.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. 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.
2. The permittee shall collect and record the following information for each day:
 - a. all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1,350 degrees Fahrenheit; and
 - b. a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
3. The permittee shall collect and record the following information each day for the condenser core building line:
 - a. the name and identification number of each condenser oil employed;
 - b. the number of gallons of each condenser oil employed;
 - c. the total gallons of all condenser oil employed;
 - d. the VOC content of each condenser oil employed, in pounds per gallon;
 - e. the total hours of operation;
 - f. the total uncontrolled VOC emission rate from the production line, in pounds/hour [i.e., the summation of $\{(b) \times (d)\}/(e)$ for all condenser oils employed, minus 0.6 lb/hour* (from fugitive emissions)];
 - g. the total controlled VOC emission rate from the oven, in pounds/hour [i.e., $(f) \times$ (the control efficiency from the most recent emission test that demonstrated the emissions unit was in compliance)]; and
 - h. the total average hourly VOC emission rate, in pounds/ hour [i.e., (g) plus 0.6 lb/hour

(from fugitive emissions)].*

* The 0.6 lb/hour VOC fugitive emission rate from the production line was determined by the permittee through mass balance calculations. The total hourly VOC emission rate equals the controlled VOC emissions from the oven, plus the fugitive VOC emissions from the production line.

4. For each day during which the permittee burns a fuel other than natural gas the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator does not comply with the temperature limitation specified above.

The deviation reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit.

2. The permittee shall notify the Ohio EPA, Central District Office in writing of any daily record showing that the condenser core building line employed more than the maximum daily condenser oil usage limit. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Central District Office within 45 days after the exceedance occurs.
3. The permittee shall submit deviation (excursion) reports that identify all exceedances of the hourly VOC emission limitation.

The deviation reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit.

4. The permittee shall also submit annual reports that specify the total VOC emissions, in tons, from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
5. The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit.

V. Testing Requirements

1. Compliance with the emission limitations and material usage restriction of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation:
thermal incinerator with a minimum control efficiency of 95%

Applicable Compliance Method:

The permittee shall conduct, or have conducted, VOC emission testing for this emissions unit to demonstrate compliance with the minimum control efficiency requirements of

section A.I.2.a in accordance with the Title V Permit.

- b. Emission Limitation:
0.84 pound of VOC per hour

Applicable Compliance Method:
Compliance with the pound per hour VOC emission limitation shall be determined by the record keeping specified in section A.III.3.

In addition, compliance with the hourly VOC emission limitation shall be determined in accordance with the emission testing requirement specified in section A.V.1.

- c. Emission Limitation:
3.7 tons of VOC per year

Applicable Compliance Method:
Compliance with the annual VOC emission limitation is ensured if compliance is maintained with the hourly VOC emission limitation (the annual VOC emission limitation was determined by multiplying the hourly VOC emission limitation and dividing by 2,000 lbs/ton).

- d. Material Usage Restriction:
Condenser core building line oil usage shall not exceed ten (10) gallons per day.

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in section A.III.3 of this permit.

VI. Miscellaneous Requirements

None

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>
P034 - Condenser core builder line 4 and oven with thermal incinerator	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