

Facility ID: 0250000367 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0250000367 Emissions Unit ID: P002 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
Anodizing line cleaning, etching, bright dipping, anodizing, dyeing and sealing of aluminum	OAC 3745-17-08(B)	see A.2.a and A.2.c
	OAC 3745-17-07(B)	see A.2.b

2. **Additional Terms and Conditions**
 - (a) The control equipment shall achieve either an outlet emission rate of not greater than 0.030 grain of particulate emissions per dry standard cubic foot of exhaust gases or no visible emissions of particulates.
Visible fugitive emissions shall not exceed twenty percent opacity as a three-minute average.
This emissions unit shall use hoods, fans and other equipment to adequately enclose, contain, capture, vent and control emissions. Such equipment shall have a collection efficiency sufficient to minimize emissions at the point of capture to the extent possible with good engineering design.

B. Operational Restrictions

1. Wet Scrubber pH Operational Restrictions:
The pH of the scrubber liquor shall be maintained within the range of 2 to 3.
2. Pressure Drop Operational Restrictions:
The pressure drop across the scrubber shall be continuously maintained at a value between 3 and 6 inches of water at all times while the emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. Wet Scrubber pH Monitoring and Recordkeeping Requirements:
The permittee shall properly install, operate and maintain equipment to continuously monitor the pH of the scrubber liquor while the emissions unit is in operation. The pH monitor shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
The permittee shall collect and record the following information each day:
 - a. The pH of the scrubber liquor, on a once per shift basis.
 - b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
2. Pressure Drop Monitoring and Recordkeeping Requirements:
The permittee shall properly install, operate and maintain equipment to continuously monitor the static pressure drop across the scrubber. The monitoring device and any recorders shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
The permittee shall collect and record the pressure drop across the scrubber, in inches of water, on a once per shift basis.

3. Process Operation Monitoring and Recordkeeping Requirements:

The permittee shall record the following data on the operation of this emissions unit on a daily basis:

- a. The time that a rack of material or product is put in the process.
- b. A description of each rack of product.
- c. The weight of each rack of product.
- d. The number of pieces per rack.
- e. The type of finish of each rack.

These data should be kept on site for a period of three years, and shall be made available to the Director or his representatives upon request.

D. **Reporting Requirements**

1. Wet Scrubber pH Reporting Requirements:

The permittee shall submit pH deviation (excursion) reports that identify all periods of time during which the scrubber liquor pH did not comply with the pH requirements specified above.

2. Pressure Drop Reporting Requirements:

The permittee shall submit deviation (excursion) reports that identify all periods of time during which the scrubber static pressure drop was not maintained at the required levels specified above.

3. These deviation (excursion) reports shall be sent to the Director (Northeast District Office) within 45 days after an exceedance occurs.

E. **Testing Requirements**

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

The emission testing shall be conducted 6 months prior to permit renewal.

The emission testing shall be conducted to demonstrate compliance with the allowable emission rate for particulates.

The following test method shall be employed to demonstrate compliance with the allowable mass emission rate: for particulates, Method 202 of 40 CFR Part 51, Appendix M. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time (s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

2. Compliance with the visible emission limit in Section A.1 and A.2 shall be determined in accordance with OAC rule 3745-17-03(B)(3).

F. **Miscellaneous Requirements**

1. None