

Facility ID: 0243080843 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: 0243080843 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>
54 copper plating tanks, controlled by 3 acid scrubbers	OAC rule 3745-31-05(A)(3) (PTI 02-11966)	1.32 lbs of particulate emissions (PE)/hr and 5.80 TPY
	OAC rule 3745-17-11(B)	Visible PE from this emissions unit shall not exceed 10% opacity, as a six-minute average.
	OAC rule 3745-17-07(A)(1)	The emission limitation established in this rule is less stringent than the limit established pursuant to OAC rule 3745-31-05(A)(3). The visible emission limitation specified in this rule is less stringent than the limit established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
  - (a) None

**B. Operational Restrictions**

1. The pH of the scrubber liquor for each scrubber shall be maintained within a range of 4 to 8 at all times while the emissions unit is in operation. (This range has been extended from 4 to 7 to 4 to 8 due to the variation in city water received by the facility.)

**C. Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly operate and maintain equipment to continuously monitor and record the pH of the scrubber liquor for each scrubber while the emissions unit is in operation. The pH monitors and recorders shall be 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 for each scrubber:

- a. the pH of the scrubber liquor; and
- b. a log or record of the operating times for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

2. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained on site 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 the permit. Such records may be maintained in computerized form.

**D. Reporting Requirements**

1. 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 for each scrubber. These reports shall be submitted in accordance with the General Terms and Conditions of this permit.

**E. Testing Requirements**

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

Emission Limitation:  
1.32 lbs of PE/hr and 5.80 TPY

Applicable Compliance Method:

If required, compliance with the above hourly PE limitation shall be determined using Method 5 of 40 CFR, Part 60, Appendix A. Stack testing performed on January 6, 1998 indicated results of 0.156 lb of PE/hr. No additional stack testing is requested at this time. The annual PE limitation specified above was created by multiplying the hourly PE limitation by 8,760 hours and dividing by 2,000 lbs/ton.

Emission Limitation:

Visible PE from this emissions unit shall not exceed 10% opacity, as a six-minute average.

Applicable Compliance Method:

Compliance with the above visible PE limitation shall be determined using Method 9 of 40 CFR, Part 60, Appendix A.

F. **Miscellaneous Requirements**

1. None