

Facility ID: 1431103424 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.

[Go to Part II for Emissions Unit P002](#)
[Go to Part II for Emissions Unit P003](#)

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

Facility ID: 1431103424 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>
Trivalent Custom Chrome Plating - Hand Line	40 CFR Part 63, Subpart N	See term A.2.a.
	OAC rule 3745-31-05(A)(3) (PTI 14-2323)	Particulate emissions shall not exceed 0.551 pound per hour. The requirements of this rule also include compliance with the requirements of 40 CFR Part 63, Subpart N and OAC rule 3745-17-07(A)(1).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(1)	Particulate emissions shall not exceed 0.551 pound per hour.

2. Additional Terms and Conditions

- (a) The wetting agent used in the decorative trivalent chromium bath(s), emissions unit P002, shall be documented to be an ingredient in the bath component(s) as purchased from the vendor(s), or it shall be clearly identified as a constituent contained in one of the components of the bath.

If the permittee ceases to use a bath component containing a wetting agent as purchased from the vendor in the trivalent chromium bath, the permittee shall comply with the applicable emission limitation within one year of switching bath components. Within 30 days of the change, the permittee shall submit a report to the Hamilton County Department of Environmental Services of the process change and the applicable limitation required by the rule, from 40 CFR 63.342.

[40 CFR 63.342(e)(1) and (3)] & [40 CFR 63.343(a)(7)]

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall fulfill all record keeping requirements in the General Provisions to 40 CFR Part 63 as they apply to the emissions unit and shall also maintain records of the bath components purchased, with the wetting agent clearly identified as a bath constituent contained in one of the components. All records shall be maintained for a period of five years.

[40 CFR 63.346(b)(14)]

D. Reporting Requirements

1. The permittee, using a wetting agent as a component in the trivalent chromium bath, shall submit the following information to the Hamilton County Department of Environmental Services:
 - a. a statement that the trivalent chromium process incorporates a wetting agent; and

- b. the list of components that comprise the trivalent chromium bath, with the wetting agent clearly defined.
 Within 30 days of any change to the trivalent chromium electroplating process, the permittee shall submit a report that includes the following information:
 - a. a description of the manner in which the process has been changed and the emission limitation, if any, now applicable to the affected emissions unit;
 - b. the information required in the initial notification report, 40 CFR 63.347(c)(1); and
 - c. if no longer using a wetting agent as a component of the electroplating bath, the information contained in the notification and reporting requirements of 40 CFR 63.347, including:
 - i. the notification of performance test in 63.347(d);
 - ii. the notification of compliance status in 63.347(e);
 - iii. the reports of performance test results in 63.347(f); and
 - iv. the ongoing compliance status reports in 63.347(g) and (h).

[40 CFR 63.347(i)]

E. Testing Requirements

- 1. The permittee is exempt from conducting a performance test for each decorative chromium electroplating tank using a trivalent chromium bath that incorporates a wetting agent as a bath ingredient.

[40 CFR 63.342(e)]

- 2. Compliance with the emission limitation in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:
 Particulate emissions shall not exceed 0.551 pound per hour.

Applicable Compliance Method:
 Compliance with this emission limitation outlined above shall be demonstrated by the emission factors, control efficiencies and the operational parameters as submitted in the PTO application for this emissions unit, dated May 12, 2006.

b. Emission Limitation:
 Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.

Applicable Compliance Method:
 Compliance with this emission limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix A" of 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996).

F. Miscellaneous Requirements

- 1. None

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Facility ID: 1431103424 Emissions Unit ID: P003 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>
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Trivalent Chrome Plating Line - Bumper Line	40 CFR Part 63, Subpart N	See term A.2.a.
	OAC rule 3745-31-05(A)(3) (PTI 14-2323)	Particulate emissions shall not exceed 0.551 pound per hour.
	OAC rule 3745-17-07(A)(1)	The requirements of this rule also include compliance with the requirements of 40 CFR Part 63, Subpart N and OAC rule 3745-17-07(A)(1). Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(1)	Particulate emissions shall not exceed 0.551 pound per hour.

2. Additional Terms and Conditions

- (a) The wetting agent used in the decorative trivalent chromium bath(s), emissions unit P003, shall be documented to be an ingredient in the bath component(s) as purchased from the vendor(s), or it shall be clearly identified as a constituent contained in one of the components of the bath.

If the permittee ceases to use a bath component containing a wetting agent as purchased from the vendor in the trivalent chromium bath, the permittee shall comply with the applicable emission limitation within one year of switching bath components. Within 30 days of the change, the permittee shall submit a report to the Hamilton County Department of Environmental Services of the process change and the applicable limitation required by the rule, from 40 CFR 63.342.

[40 CFR 63.342(e)(1) and (3)] & [40 CFR 63.343(a)(7)]

B. Operational Restrictions

- 1. None

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall fulfill all record keeping requirements in the General Provisions to 40 CFR Part 63 as they apply to the emissions unit and shall also maintain records of the bath components purchased, with the wetting agent clearly identified as a bath constituent contained in one of the components. All records shall be maintained for a period of five years.

[40 CFR 63.346(b)(14)]

D. Reporting Requirements

- 1. The permittee, using a wetting agent as a component in the trivalent chromium bath, shall submit the following information to the Hamilton County Department of Environmental Services:
 - a. a statement that the trivalent chromium process incorporates a wetting agent; and
 - b. the list of components that comprise the trivalent chromium bath, with the wetting agent clearly defined.

Within 30 days of any change to the trivalent chromium electroplating process, the permittee shall submit a report that includes the following information:

 - a. a description of the manner in which the process has been changed and the emission limitation, if any, now applicable to the affected emissions unit;
 - b. the information required in the initial notification report, 40 CFR 63.347(c)(1); and
 - c. if no longer using a wetting agent as a component of the electroplating bath, the information contained in the notification and reporting requirements of 40 CFR 63.347, including:
 - i. the notification of performance test in 63.347(d);
 - ii. the notification of compliance status in 63.347(e);
 - iii. the reports of performance test results in 63.347(f); and
 - iv. the ongoing compliance status reports in 63.347(g) and (h).

[40 CFR 63.347(i)]

E. Testing Requirements

- 1. The permittee is exempt from conducting a performance test for each decorative chromium electroplating tank using a trivalent chromium bath that incorporates a wetting agent as a bath ingredient.

[40 CFR 63.342(e)]

- 2. Compliance with the emission limitation in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:
Particulate emissions shall not exceed 0.551 pound per hour.

Applicable Compliance Method:
Compliance with this emission limitation outlined above shall be demonstrated by the emission factors, control efficiencies and the operational parameters as submitted in the PTO application for this emissions unit, dated May 12, 2006.

b. Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.

Applicable Compliance Method:

Compliance with this emission limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix A" of 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996).

F. **Miscellaneous Requirements**

1. None