State of Ohio Environmental Protection Agency

RE: FINAL PERMIT TO INSTALL **CERTIFIED MAIL**
STARK COUNTY

Street Address:
122 S. Front Street
Lazarus Gov. Center **TELE:** (614) 644-3020 **FAX:** (614) 644-2329
Mailing Address:
Lazarus Gov. Center
P.O. Box 1049

Application No: 15-01554

DATE: 12/23/2003

C.L.S. Finishing Inc.
Steven Geer
P.O. Box 239
Tallmadge, OH 44278

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

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

CC: **USEPA** **Canton LAA**

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install	**Issue Date: 12/23/2003**
Terms and Conditions	**Effective Date: 12/23/2003**

FINAL PERMIT TO INSTALL 15-01554

Application Number:	15-01554
APS Premise Number:	1576001927
Permit Fee:	**$200**
Name of Facility:	C.L.S. Finishing Inc.
Person to Contact:	Steven Geer
Address:	P.O. Box 239 Tallmadge, OH 44278

Location of proposed air contaminant source(s) [emissions unit(s)]:
6299 Dressler Rd. N.W.
North Canton, **Ohio**

Description of proposed emissions unit(s):
Spray booth.

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. 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 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 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. Records Retention Requirements

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.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. 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 verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. 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 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. 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 emissions unit(s) that is (are) served by such control system(s).

6. 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.

7. 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.

8. 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.

9. 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.

10. 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.

11. Applicability

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.

12. 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.

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This 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 emissions unit(s) covered by this permit.

14. 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.

15. 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.

B. 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	Tons Per Year
PE	2.41
VOC	15

Emissions Unit ID: **K001**

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements
	OAC rule 3745-35-07(B)
K001 - paint spray booth for miscellaneous metal parts using compliance coatings and non-metals (plastic) parts using non-PRM coatings	OAC rule 3745-31-05 (A)(3)
	OAC rule 3745-21-09 (U)(1)(d)
	OAC rule 3745-21-07 (G)(2)
	OAC rule 3745-17-11
	OAC rule 3745-17-07(A)

Applicable Emissions Limitations/Control Measures	
	facility-wide
	total HAPs, including glycols, less than 25 tons per year facility-wide
Volatile Organic Compound (VOC) emissions shall not exceed 30 lbs/day, excluding cleanup materials.	3.5 lbs VOC per gallon coating, less water and exempt solvents, calculated as a daily volume weighted average.
VOC emissions shall not exceed 15 tons/yr, including cleanup materials.	See section A.2.a.
VOC emissions shall not exceed 1.25 tons/month, including cleanup materials.	Particulate emissions shall not exceed 0.551 pound per hour based on Table I.
Particulate emissions shall not exceed 2.41 tons per year.	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
Visible particulate emissions from any stack shall not exceed 10% opacity, as a six-minute average, except as provided by rule.	
The maximum cleanup material usage for emissions unit K001 shall not exceed 882 gallons, based upon a rolling, 12-month summation of the cleanup material usage.	
The maximum annual coating usage for emissions unit K001 shall not exceed 6,857 gallons, based upon a rolling, 12-month summation of the coating usage.	
any individual hazardous air pollutant (HAP), including glycols, less than 10 tons per year	

2. Additional Terms and Conditions

2.a The permittee shall not employ coatings which are determined to be "photochemically reactive materials" as defined by OAC rule 3745-21-01(C)(5).

B. Operational Restrictions

1. The maximum annual coating usage for K001 shall not exceed 6,857 gallons, based upon a rolling, 12-month summation of the coating usage. To ensure enforceability during the first twelve calendar months of operation after issuance of this permit to install, emissions unit K001 shall not exceed the following coating usage limitation:

Month(s)	Maximum Allowable Cumulative Coating Usage (gallons):
1	572
1 - 2	1,143
1 - 3	1,715
1 - 4	2,286
1 - 5	2,857
1 - 6	3,428
1 - 7	4,000
1 - 8	4,571
1 - 9	5,143

1 - 10	5,714
1 - 11	6,285
1 - 12	6,857

After the first twelve calendar months of operation following the issuance of this permit, compliance with the annual coating usage shall be based upon a rolling, 12-month summation of the coating usage.

2. The maximum cleanup material usage for emissions unit K001 shall not exceed 882 gallons, based upon a rolling, 12-month summation of the cleanup material usage. To ensure enforceability during the first twelve calendar months of operation after issuance of this permit to install, emissions unit K001 together shall not exceed the following cleanup material usage limitation:

Month(s)	Maximum Allowable Cumulative Cleanup Material Usage (gallons):
1	73.5
1 - 2	147.0
1 - 3	220.5
1 - 4	294.0
1 - 5	367.5
1 - 6	441.0
1 - 7	514.5
1 - 8	588.0
1 - 9	661.5
1 - 10	735.0
1 - 11	808.5
1 - 12	882.0

After the first twelve calendar months of operation following the issuance of this permit, compliance with the annual facility cleanup material usage shall be based upon a rolling, 12-month summation of the cleanup material usage.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall collect and record the following information each day are coated:

   a. The name and identification number of each coating, as applied.

   b. The VOC content (excluding water and exempt solvents) and the number of gallons of each coating, as applied.

c. The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for $C_{VOC,2}$.

2. The permittee shall collect and record the following information for each month for the coating operation:

a. The company identification for each coating employed.

b. The number of gallons of each coating employed.

c. The VOC content of each coating, in pounds per gallon.

d. The total VOC emission rate for all coatings [i.e., summation of (b) x (c) for each coating employed], in pounds per month.

e. During the first 12 calendar months of operation following the issuance of this permit, the monthly, cumulative VOC emissions from coating and thinner usage (in pounds or tons), and the monthly rolling, cumulative amount of coating (including thinner) applied during each successive month through the first 12 calendar months (in gallons).

f. After the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of VOC emissions from coating and thinner usage (in pounds or tons), and the rolling, 12-month summation of coating and thinner applied (in gallons).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

3. The permittee shall collect and record the following information for each month facility-wide:

a. The company identification for each cleanup material employed.

b. The number of gallons of each cleanup material employed.

c. The VOC content of each cleanup material, in pounds per gallon.

d. The total VOC emission rate for all cleanup materials employed [i.e., summation of (b) x (c) for each coating employed], in pounds per month.

e. The amount of cleanup material recovered, in pounds.

f. The total monthly VOC emissions from cleanup operations, calculated as (d) - (e), in

pounds.

g. during the first 12 calendar months of operation following the issuance of this permit, the monthly, cumulative VOC emissions from cleanup material usage (in pounds or tons), and the monthly rolling, cumulative amount of cleanup material applied in emissions unit K001, during each successive month, through the first 12 calendar months (in gallons).

h. After the first 12 calendar months of operation, following the issuance of this permit, the rolling, 12-month summation of VOC emissions from cleanup material usage (in pounds or tons), and the rolling, 12-month summation of cleanup material applied in emissions unit K001 (gallons).

4. The permittee shall collect and record the following information each month for the facility:

a. The name and identification number of each coating, as applied.

b. The individual hazardous air pollutant (HAP)[1] content for each HAP of each coating in pounds of individual HAP per gallon of coating, as applied.

c. The total combined HAP content for each HAP of each coating in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from b).

d. The number of gallons of each coating employed.

e. The name and identification of each cleanup material employed.

f. The individual HAP content for each HAP of each cleanup material in pounds of individual HAP per gallon of cleanup material, as applied.

g. The total combined HAP content of each cleanup material in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from f).

h. The number of gallons of each cleanup material employed.

i. The total individual HAP emissions for each HAP from all coatings and cleanup materials employed, in pounds or tons per month and pounds or tons per year (for each HAP the sum of b times d for each coating and the sum of f times h for each cleanup material).

j. The total combined HAP emissions from all coatings and cleanup materials employed, in pounds or tons per month and pounds or tons per year (the sum of c times d for each coating plus the sum of g times h for each cleanup material).

[1]A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Northeast District Office of the Ohio EPA. Material Safety Data Sheets typically include a listing of the solvents contained in the coatings or cleanup materials. This information does not have to be kept on a line-by-line basis.

5. The Permit to Install for this emissions unit was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the Permit to Install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the Permit to Install application and the SCREEN 3.0 model
(or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Methyl n-Amyl Ketone

TLV (mg/m3): 233

Maximum Hourly Emission Rate (lbs/hr): 5.83

Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 676.5

MAGLC (ug/m3): 5,548

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will be still satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the

Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing Permit to Install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final Permit to Install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

c. where computer modeling is performed, a copy of the resulting computer model runs that shows the results of the application of the "Air Toxic Policy" for the change.

6. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

7. The permittee shall perform monthly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the color of the emissions;

b. whether the emissions are representative of normal operations;

c. if the emissions are not representative of normal operations, the cause of the abnormal emissions; and

d. any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify each day when the daily volume-weighted average coating exceeds 3.5 pounds VOC per gallon, less water and exempt solvents, as applied.

2. The permittee shall submit quarterly deviation (excursion) reports that identify each or day when only metal parts were coated and the average daily VOC emissions exceeded 30 pounds excluding cleanup materials and the actual emissions for each such day.

3. The permittee shall submit deviation (excursion) reports that identify each year when the VOC emissions exceeded 15 tons including cleanup materials and the actual emissions for each such year.

4. The permittee shall submit deviation (excursion) reports that identify each year when the total HAPs emissions met or exceeded 25 tons and the actual emissions for each such year.

5. The permittee shall submit deviation (excursion) reports that identify each year when the emissions of each individual HAP met or exceeded 10 tons and the actual emissions for each such year.

6. The permittee shall notify the Canton local air agency in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record.

7. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the cumulative rolling, 12-month coating usage limitation. During the first 12 calendar months of operation following issuance of this permit, the permittee shall submit deviation (excursion) reports that identify all exceedances of the maximum allowable cumulative coating usage limitations, as specified in the table in Section B.1. The quarterly deviation reports shall be submitted in accordance with the reporting requirements specified in Part I - General Term and Condition A.1.

8. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the cumulative rolling, 12-month cleanup material usage limitation for emissions unit K001 together. During the first 12 calendar months of operation following issuance of this permit, the permittee shall submit deviation (excursion) reports that identify all exceedances of the maximum allowable cumulative cleanup material usage limitation for these emission units, as specified in the table in Section B.2. The quarterly deviation reports shall be submitted in accordance with the reporting requirements specified in Part I - General Term and Condition A.1.

9. The quarterly deviation reports shall be submitted in accordance with Section I.A.1.c. of this permit.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

   a. Emissions Limitation:
   3.5 lbs VOC per gallon coating, less water and exempt solvents, based upon a daily, volume weighted average

   Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping specified in C.1.

b. Emissions Limitation:
Volatile Organic Compound (VOC) emissions shall not exceed 30 lbs/day, excluding cleanup materials.

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping specified in C.1.

c. Emissions Limitation:
VOC emissions shall not exceed 15 tons/yr, including cleanup materials.

Applicable Compliance Method:
Sum the monthly emissions determined from the record keeping specified in C.2. and C.3.

d. Emissions Limitation:
Particulate emissions shall not exceed 0.551 pound per hour based on OAC rule 3745-17-11(B), Table I.

Applicable Compliance Method:
To determine the hourly worst case emissions rate for particulate, the following equation shall be used:

E = CS_h (pounds per hour) x (1 - TE) x (1 - CE)

CS_h = maximum coating solids usage rate, calculated by multiplying the paint density (lbs/gal), by the percent of solids by weight of the paint, and by the maximum amount of paint that can be sprayed in an hour (5 gallons)

TE = transfer efficiency, which is the ratio of the amount of coatings solids deposited on the coated part to the amount of coating solids used (60% for air spray gun)

CE = control efficiency of the control equipment (98% for panel filters)

e. Emissions Limitation:
Particulate emissions shall not exceed 2.41 tons per year.

Applicable Compliance Method:
To determine the annual worst case emissions for particulate matter, the following equation shall be used:

E = CS_a (pounds per hour) x (1 - TE) x (1 - CE)/2000

CS_a = maximum coating solids usage rate, calculated by multiplying the paint density (lbs/gal), by the solids percent by weight, and by the annual gallons of coating used, calculated at the 12th month of the rolling, 12-month record

TE = transfer efficiency, which is the ratio of the amount of coatings solids deposited on the coated part to the amount of coating solids used (60% for air spray gun)

CE = control efficiency of the control equipment (98% for panel filters)

f. Emissions Limitation:
Visible particulate emissions from any stack shall not exceed 10% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
Compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures in OAC rule 3745-17-03(B)(1).

g Emissions Limitation:
Less than 10 tons per year for each individual HAP facility-wide.

Applicable Compliance Method:
Compliance shall be determined based upon the record keeping specified in C.4.

h. Emissions Limitation:
Less than 25 tons per year for all HAPs facility-wide.

Applicable Compliance Method:
Compliance shall be determined based upon the record keeping specified in C.4.

F. Miscellaneous Requirements

None