

VOM) pursuant to 35 Ill. Adm. Code 218.204(j)(2)(B). Extreme performance coating means any coating which during intended use is exposed to any or all of the following: ambient weather conditions, temperatures consistently above 95EC, detergents, abrasive and scouring agents, solvents, or corrosive atmospheres, pursuant to 35 Ill. Adm. Code 211.2210.

- 3a. Total combined emissions and material usage (including VOM and HAP emissions associated with clean-up operations) from the coating lines (consisting of 4 line paint booths and 3 batch paint booths and their associated flash-off areas, drying areas and ovens) shall not exceed the following limits:

<u>Coating Usage</u>		<u>VOM Content</u>	<u>VOM Emissions</u>	
<u>(Gal/Mo)</u>	<u>(Gal/Yr)</u>	<u>(Lb/Gal)</u>	<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>
1,633	16,333	3.0	2.5	24.5

- b. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.
- c. These limits are based on a federally enforceable limit of 24.5 tons/year of VOM and maximum VOM content for each coating used. Compliance shall be determined from a running total of the previous 12 months of data.
4. The Permittee shall not use any VOM or HAP containing material in the powder spray booth or strip tank. As a result, there shall be no VOM or HAP emissions from these units.
- 5a. Within 30 days of a written request from the Illinois EPA the Permittee shall submit data on representative coatings and solvents as applied, determined by laboratory analysis in accordance with the procedures of 35 Ill. Adm. Code Section 218.105.
- b. The submitted data shall include the weight percent VOM and/or HAP content of the coatings and solvents, a justification of why these are representative, and a description of the sampling procedures and documentation for the analysis.
- c. The Illinois EPA may provide additional time for the performance of this testing upon request from the Permittee which shows that it is not feasible to perform representative testing within 30 days.
- 6a. This permit is issued based upon negligible emissions of particulate matter from the emission units specified below. For this purpose, emissions from each emission unit shall not exceed the following nominal emission rates:

<u>Emission Units</u>	<u>Particulate Matter Emissions</u>	
	<u>(Lbs/Hr)</u>	<u>(Tons/Yr)</u>
Each Paint Booth	0.022	0.10
Powder Spray Booth	0.05	0.05
Strip Tank	0.05	0.05

- b. Each paint booth shall have particulate matter emissions controlled by a filter at all times.
- 7. Natural gas shall be the only fuel utilized at this source.
- 8. At all times the Permittee shall, to the extent practicable, maintain and operate the equipment, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.
- 9. In the event that the operation of this source results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the nuisance.
- 10a. The Permittee shall collect and record the following information each day for the coating lines:
 - i. A list giving the name and identification number of each coating as applied, solvent, clean-up solvent, and any other material used containing VOM and/or HAPs;
 - ii. VOM content by volume in lbs VOM per gallon of coating as applied (minus water and any compounds which are specifically exempt from the definition of VOM) for each coating used or;
 - iii. VOM content in weight percent for each coating, clean-up solvent and other materials used containing VOM;
 - iv. A list of HAPs present and the weight percent content of each HAP for each coating, clean-up solvent and other materials used containing VOM;
 - v. Density in pounds per gallon of each material used containing VOM and/or HAPs;
 - vi. Actual usage rate of each material containing VOM and/or HAPs used, in pounds/tons per month and tons per year on a rolling total basis; and
 - vii. Emissions of VOM, total combined HAPs, and of single HAPs on a

monthly and yearly rolling total basis in lbs/mo and tons/year.

- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA and USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.
- 11. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
- 12. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Eisenhower Tower
1701 South First Avenue
Maywood, Illinois 60153

- 13. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: Annual usage of each material, VOM and HAP content of each material and VOM and HAP emissions from the prior calendar year. If there have been no exceedances during the prior calendar year, the Annual Emission Report shall include a statement to that effect.

If you have any questions on this, please call Randy Solomon at 217/782-2113.

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Division of Air Pollution Control

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cc: Illinois EPA, FOS Region 1
Illinois EPA, Compliance Section
USEPA

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the metal coating operation operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. This is using 16,333 gal/year of coatings. The resulting maximum emissions are well below the levels, e.g., 25 tons/yr of VOM, 25 tons/yr total HAPs, and 10 tons/yr for a single HAP at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled and control measures are more effective than required in this permit.

1.

<u>Emission Unit</u>	E M I S S I O N S Total Total Combined VOM (Tons/Yr)	Total Combined HAPs (Tons/Yr)	Single HAP (Tons/Yr)
4 Line Paint Booths & 3 Batch Paint Booths	24.5	25	10

These emissions are based on maximum usage rates, VOM and HAP content and 100% of the VOM and HAPs used being emitted.

2.

<u>Emission Units</u>	Particulate Matter Emissions	
	<u>(Lbs/Hr)</u>	<u>(Tons/Yr)</u>
Each Paint Booth	0.022	0.10
powder spray booth	0.05	0.05
strip tank	0.05	0.05

These emissions are based on nominal negligible emission rates at maximum operation of the emission units.

The emissions of this attachment define the potential emissions of the source.

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