

<u>Material</u>	<u>VOM Consumption</u>		<u>VOM Emissions</u>	
	<u>(Gal/Mo)</u>	<u>(Gal/Yr)</u>	<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>
Coatings & Solvents	5,000	30,000	9.0	50.0

Compliance with these requirements shall be determined from records of coatings and solvent consumption and volatile organic material (VOM) content of each. Consumption is the VOM content of materials used minus the VOM content of material recovered and shipped off-site.

- b. Coatings as applied shall meet the 3.5 lb/gal VOM requirement of 35 Ill. Adm. Code 215.204(j)(2).
 - c. This permit is issued based on negligible emissions of VOM from the natural gas boiler, paint drying oven, gas-fired water dry-off oven, gas-fired paint booth burner, and the three gas-fired air make-up units. For this purpose emissions from each emission source shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/yr. Compliance with these requirements shall be determined from records of natural gas usage and standard emission factors. Compliance with the annual limits shall be determined monthly from the sum of the last 12 months of operating data.
3. 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 a 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.
4. The Permittee shall maintain records of the following items, and such other items as may be appropriate to allow the Illinois EPA to review compliance with the limits of this permit.
- a. Monthly records of volatile organic material (VOM) and hazardous air pollutants (HAPs) content shall be kept for each coating and solvent used:
 - i. Amounts coatings used (gal/month), VOM content (lb/gal) and HAPs (lb/gal) as applied.
 - ii. Amounts of solvents used (gal/month), and VOM content (lb/gal) and HAP (lb/gal).

- b. Monthly records of total natural gas usage from all the fuel combustion emission sources (scf/month).
5. 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 or 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 or USEPA request for records during the course of a source inspection.
6. 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.
7. Two 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, IL 62794-9276

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

Illinois Environmental Protection Agency
Division of Air Pollution Control
5415 North University
Peoria, Illinois 61614

8. Annual emissions of regulated air pollutants shall not exceed 50.0 tons, volatile organic material which shall be the permitted emissions for this site.

It should be noted that this permit has been revised to include the operation of a dry-off oven, paint booth burner, and 3 air make-up units.

It should be noted that this permit has been revised to change Condition 2c.

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If you have any questions on this, please call Tara T. Nguyen-Ede at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:TNE:psj

cc: Illinois EPA, FOS Region 2
Illinois EPA, Compliance Section
Lotus Notes

Attachment A -Emission Summary

This attachment provides a summary of the maximum emissions from metal painting 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. The amount of coatings and solvents used is limited along with the VOM content of the coatings. Also the amount of natural gas use in the boiler is limited to limit VOM emissions from that emission unit. The resulting maximum emissions are well below the 100 tons per year 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, less natural gas is burned, and control measures are more effective than required in this permit.

1. Emissions and operational limitations:

a. Emissions from the painting operations are limited as follows:

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	<u>(Gal/Mo)</u>	<u>(Gal/Yr)</u>	<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>
Coatings & Solvents	5,000	30,000	9.0	50.0

Compliance with these VOM consumption, emission limits and the 3.5 lb/gallon VOM coating as applied can be determined from the required monthly records of coatings and solvent usage and the VOM content of each coating and solvent used.

b. This permit is issued based on negligible emissions of VOM from the natural gas boiler, paint drying oven, gas-fired water dry-off oven, gas-fired paint booth burner, and the three gas-fired air make-up units. For this purpose emissions from each emission source shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/yr. Compliance with these requirements shall be determined from records of natural gas usage and standard emission factors. Compliance with the annual limits shall be determined monthly from the sum of the last 12 months of operating data.

2. As a consequence of the requirements of this permit, the emissions of hazardous air pollutants (HAP) as listed in Section 112(b) of the Clean Air Act from this source will be less than 10 tons/year of any single HAP and 25 tons/year of any combination of such HAPs so that HAP emissions do not trigger the requirements to obtain a Clean Air Act Permit Program permit from the Illinois EPA.

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