

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT -- RENEWAL

PERMITTEE

Streator Dependable
Attn: Chris Walker
410 West Broadway
Streator, Illinois 61364

Application No.: 89040062

I.D. No.: 099490AAY

Applicant's Designation:

Date Received: June 11, 2003

Subject: Coating Operations

Date Issued:

Expiration Date:

Location: 410 West Broadway, Streator

Permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of one powder and one liquid paint coating booths each controlled by a filter pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 100 tons/year for VOM, 10 tons/year for a single HAP, and 25 ton/year for totaled HAPs). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes the Clean Air Act Permit Program (CAAPP) permit and all operating permit(s) issued for this location.
2. This permit is issued based upon the coating operations are exempt from emission limitations of 35 Ill. Adm. Code Part 215, Subpart F: Coating Operations, due to emissions of volatile organic materials (VOM) from these operations being less than exemption level of 25 tons/year established by Section 218.206(a).
3. The plant-wide VOM (HAP) usage in the raw materials and VOM emissions shall not exceed 1.0 tons/mo and 10.0 tons/yr. Compliance with annual limits shall be determined from a running total of 12 months of data.

The VOM emissions shall be determined from the following equation on a monthly basis:

$$E = \Sigma (M_i \times C_i) / 100, \text{ Where:}$$

E - VOM (HAP) emissions (tons)

M_i - VOM-containing raw material usage (tons)

C_i - VOM content of the raw material (wt.%)

4. Emissions and operation of the powder coating booth shall not exceed the following limits:

Coating Usage		Overspray (Wt.%)	Control Efficiency (%)	Particulate Matter Emission	
(Ton/Mo)	(Ton/Yr)			(Ton/Mo)	(Ton/Yr)
12.0	120	50	99	0.06	0.6

These limits are based on the maximum production rate. Compliance with annual limits shall be determined from a running total of 12 months of data.

5. The emissions of 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 by rule which would require the Permittee to obtain a Clean Air Act Permit Program 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 Clean Air Act Permit Program permit from the Illinois EPA.
6. The Permittee shall maintain monthly records of the following items:
- The name and usage (gal/mo, gal/yr) of each coating and cleanup solvent;
 - The VOM and HAP content of each coating and cleanup solvent;
 - VOM and HAP emissions (lb/mo, tons/yr).
7. 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 a course of a source inspection.
8. 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 record keeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
- 9a. The Permittee shall submit the following additional information from the prior calendar year, along with the Annual Emission Report, due May 1st of each year:
- Powder and liquid coating usage (gal/month and gal/year).
- If there have been no exceedances during the prior calendar year, the Annual Emission Report shall include a statement to that effect.

10. Two (2) copies of required reports and notifications concerning equipment operation, performance testing, or monitoring shall be sent to the following address, unless otherwise indicated:

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
5415 North University
Peoria, Illinois 61614

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

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

DES:VJB

cc: Illinois EPA, FOS Region 1
Illinois EPA, Compliance Section
Lotus Notes

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emission from a miscellaneous metal parts coating plant 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 resulting maximum emissions are well below levels ,e.g., 100 tons per year of VOM, 10 tons/year of any single HAP and 25 tons/year of a combination of all HAP's, 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 material is handled, and control measures are more effective than required in this permit.

1. The plant-wide VOM usage in the raw materials and VOM emissions shall not exceed 1.0 tons/mo and 10.0 tons/yr.

The VOM (HAP) emissions shall be determined from the following equation on a monthly basis:

$$E = \Sigma(M_i \times C_i)/100, \text{ Where:}$$

E - VOM(HAP) emissions (tons)

M_i - VOM-containing raw material usage (tons)

C_i - VOM content of the raw material (wt.%)

2. Emissions and operation of the powder coating booth shall not exceed the following limits:

Coating Usage		Overspray (Wt.%)	Control Efficiency (%)	Particulate Matter Emission	
(Ton/Mo)	(Ton/Yr)			(Ton/Mo)	(Ton/Yr)
12.0	120	50	99	0.06	0.6

3. The emissions of 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 by rule which would require the Permittee to obtain a Clean Air Act Permit Program 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 Clean Air Act Permit Program permit from the Illinois EPA.

DES:VJB: