

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

PERMITTEE

American Generator and Armature Co.
Attn: Gary Resnick, Vice President
3610 West Touhy Avenue
Skokie, Illinois 60076

Application No.: 97060051 I.D. No.: 031288AJC
Applicant's Designation: Date Received: June 16, 1997
Subject: Generators, Alternators, and Starting Motors
Date Issued: Expiration Date:
Location: 3610 West Touhy Avenue, Skokie

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of 6 cold cleaning degreasers, a spray booth, an inside-parts coater, a varnishing operation, and 2 boilers 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 per year of volatile organic material (VOM), 25 tons per year of combined hazardous air pollutants (HAP), and 10 tons per year of single HAP). As a result the source is exempt from Title 35, Subpart TT: Other Emission Units pursuant to 218.980(b)(1) and 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 all operating permits issued for this location.
2. The Permittee shall operate the cold cleaning degreaser in compliance with 35 Ill. Adm. Code 218.182, specifically the vapor pressure of any solvent used shall not exceed 2.0 mmHg at 68°F pursuant to 218.182(c)(1)(B).
 3. Emissions from each cold cleaning degreaser shall not exceed 8 lb/hr of VOM pursuant to 35 Ill. Adm. Code 218.301.

4. Paint, as applied, including thinner or make-up solvent, shall not exceed 3.5 lb of VOM per gallon of paint pursuant to 35 Ill. Adm. Code 218.204(j)(2)(A).
5. Varnish, as applied, including thinner or make-up solvent, shall not exceed 4.3 lb of VOM per gallon of varnish pursuant to 35 Ill. Adm. Code 218.204(j)(1).
6. Emissions and operation of the source shall not exceed the following limits:
VOM Usage and Emissions
(Tons/Mo) (Tons/Yr)

2.5 24.9

These limits are based on VOM content and maximum usage of all materials. Compliance shall be determined from a running total of 12 months of data.

7. 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.
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 odor nuisance.
- 10a. The Permittee shall maintain records of the following items:
 - i. Usage of each coating and solvent (gal/month and gal/year);
 - ii. VOM and HAP content of each coating and solvent (lb/gal or wt. %); and
 - iii. VOM, single HAP and total HAPs emissions (ton/month and ton/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 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: paint, varnish, solvent, and thinner usage. If there have been no exceedances during the prior calendar year, the Annual Emission Report shall include a statement to that effect.

Please note that shotblasting, soldering, and the oven are exempt from state permit requirements, pursuant to 35 Ill. Adm. Code 201.146(aa), (y), and (fff), respectively.

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

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

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

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the source 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 handling 23,020 gallons total for all paints and solvents. The resulting maximum emissions are well below the levels, 25 tons per year of VOM, just below 10 tons per year of single HAP, and 25 tons per year of combined HAPs 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, coatings used, and control measures are more effective than required in this permit.

1. Emissions of volatile organic material from the cleaning and coating operations:

VOM Usage and Emissions	
<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>

2.5	24.9
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2. 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.

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