

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

PERMITTEE

Knapheide Truck Equipment Company  
Attn: Bernie Ott  
Post Office Box 290  
Quincy, Illinois 62306

Application No.: 04060016

I.D. No.: 001065AGQ

Applicant's Designation:

Date Received: June 1, 2004

Subject: Truck Equipment Custom Paint and Installation Facility

Date Issued: December 29, 2004

Expiration Date: December 29, 2009

Location: 2431 North 5th Street, Quincy

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of one paint spray booth 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 combined emissions of air pollutants from two Knapheide Truck Equipment Company plants (I.D. 001065AGO and 001065AGQ), which constitute a single source for the purpose of Clean Air Act Permit Program (CAAPP), to less than major source thresholds (i.e., 100 tons/year for volatile organic material (VOM), 10 tons/year for a single hazardous air pollutant (HAP) and 25 tons/year for totaled HAP). As a result, the source is excluded from the requirements to obtain a 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 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. No person shall cause or allow the discharge of more than 3.6 kg/hr (8 lbs/hour) of organic material into the atmosphere from any emission source, with the following exception: If no odor nuisance exists these limitations shall apply only to photochemically reactive material (35 Ill. Adm. Code 215.301).

4. 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 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.
5. Emissions from one paint spray booth shall not exceed 2.0 tons/month and 20.0 tons/year of VOM and 3.0 tons/year of a single HAP and 5.0 tons/year of total HAP. The VOM/HAP emissions shall be calculated using the following equation:

$$E = \sum M_i \times V_i - \sum W_j \times V_j,$$

where:

- E - VOM/HAP emissions (tons);
- $M_i$  - VOM-containing raw materials usage (tons);
- $V_i$  - VOM/HAP content of raw materials (fraction);
- $W_j$  - certified amount of waste shipped-off (tons);
- $V_j$  - certified VOM/HAP content of the waste (fraction).

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.

6. The Permittee shall maintain monthly records of the following items:
  - a. Names and amounts of paints and solvents used at the facility (tons/month, tons/year);
  - b. VOM and HAP content of raw materials used (weight %); and
  - c. VOM and HAP emission with supporting calculations (tons/month, tons/year).
7. All records and logs required by this permit shall be retained at a easily 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 the Illinois EPA request for records during the course of a source inspection.

8. If there is an exceedance of the requirements of this permit as determined by the record 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.
9. 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, IL 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 - Regional Office  
9511 West Harrison  
Des Plaines, Illinois 60016

It should be noted that the drying oven is exempt from state permit requirements pursuant to 35 Ill. Adm. Code 201.146(fff).

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

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

DES:VJB:psj

cc: Illinois EPA, FOS Region 1  
Lotus Notes

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emission from the two Knapheide Truck Equipment Company facilities operating in compliance with the requirements of the federally enforceable permits. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from both plants. The resulting maximum emissions are well below the levels, e.g., 100 tons per year of VOM, 10 tons per year for a single HAP, and 25 tons per year for totaled 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 material is handled, and control measures are more effective than required in this permit.

Emission Units	Emissions (Tons/Year)		
	VOM	Single HAP	Total HAPs
One paint booth	20.0	3.0	5.0
Facility 001065AGQ	24.9	3.0	5.0
Total	44.9	<10	<25

DES:VJB:psj