

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

PERMITTEE

Gooder-Henrichsen Co., Inc.  
Attn: Mr. Charles J. Lee, P.E.  
2900 State Street  
Chicago Heights, Illinois 60411-0280

Application No.: 95120026 I.D. No.: 031045AMS  
Applicant's Designation: Date Received: September 27, 1999  
Subject: Joist Plant  
Date Issued: January 24, 2000 Expiration Date: January 24, 2005  
Location: 2900 State Street, Chicago Heights

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of 3 paint dip tanks, 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., VOM to less than 25 tons per year). 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 all operating permits issued for this location.
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.
- 3a. Emissions and operation of coating operation shall not exceed the following limits:

<u>Item of Equipment</u>	<u>Usage</u> (Gal/Mo) (Gal/Yr)		<u>Maximum VOC</u> (% by Wt.)	<u>VOC Emissions</u> (Lb/Mo) (Ton/Yr)	
3 Paint Dip Tanks	3,834	46,000	10.4	3,987	23.92

These limits are based on 100% evaporation of VOC solvents. Compliance with annual limits shall be determined from a running total of 12 months of data.

- b. Paint dip coatings must comply with limits in 35 IAC 218.204(j)(2)(A).
4. The Permittee shall maintain monthly records of the following items:
  - a. Usage (gal/mo and gal/yr), VOC content (% by wt.), and VOC Emissions (lb/mo and ton/yr) of the following coating:
    - i. Paint dip coating.
    - b. Joist production (monthly and yearly).
    - c. Must comply with recordkeeping requirements in 35 IAC 218.211.
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 (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

8. Annual emissions of VOM shall not exceed 23.92 tons, which shall be the permitted emissions for this site.

It should be noted that the 11 stick welders, 40 MIG welders, and 2 flash welders are exempt from state permit requirements, pursuant to 35 Ill. Adm. Code 201.146(y).

If you have any questions on this, please call Eric Jones 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 joist production 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 the levels, e.g., 25 tons per year of VOM 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.

- 1a. Emissions and operation of coating operation shall not exceed the following limits:

<u>Item of Equipment</u>	<u>Usage</u>		<u>Maximum VOC (% by Wt.)</u>	<u>VOC Emissions</u>	
	<u>(Gal/Mo)</u>	<u>(Gal/Yr)</u>		<u>(Lb/Mo)</u>	<u>(Ton/Yr)</u>
3 Paint Dip Tanks	3,834	46,000	10.4	3,987	23.92

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- b. Paint dip coatings must comply with limits in 35 IAC 218.204(j)(2)(A).
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