

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT  
RENEWAL

PERMITTEE

Florida Plastics International, Inc.  
Attn: William Keyser  
10200 South Kedzie Avenue  
Evergreen Park, Illinois 60805

Application No.: 93120095

I.D. No.: 031084AAR

Applicant's Designation: MENUBOARDS

Date Received: November 2, 2001

Subject: Menu Board Manufacturing

Date Issued: May 28, 2002

Expiration Date: May 28, 2007

Location: 10200 South Kedzie Avenue, Evergreen Park

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of 4 silk screening presses, 1 wood furniture coating spray booth, and gas-fired space heaters (total 2.9 mmBtu/hr) 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., volatile organic material (VOM) to less than 25 tons/yr, single hazardous air pollutant (HAP) to less than 10 tons/yr, and total combined hazardous air pollutants (HAPs) to less than 25 tons/yr). 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 (HAP) as listed in Section 112(b) of the Clean Air Act shall be less than 10 tons/year of any single HAP and 25 tons/year of any combination of such HAPs. As a result of this condition, this permit is issued based on the emissions of all HAPs from this source not triggering the requirements to obtain a Clean Air Act Permit Program Permit (CAAPP), and Section 112(G) of the Clean Air Act.
3. Emissions and operation of silk screening and wood coating operations shall not exceed the following limits:

<u>Material</u>	<u>VOM Usage</u>		<u>VOM Emissions</u>	
	<u>(Lb/Mo)</u>	<u>(Lb/Yr)</u>	<u>(Lb/Mo)</u>	<u>(Ton/Yr)</u>
Silk Screening Inks	2,080	19,200	2,080	9.6
Wood Coatings	1,720	15,000	1,620	7.5
Clean-Up Solvents	4,600	41,714	1,610	7.3

These limits are based on complete volatilization of the VOM content for inks and coatings, a 65% recovery of the clean-up solvent, material VOM usage = material usage x material VOM content, and information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

4. Emissions and operation of space heaters shall not exceed the following limits:

<u>Process</u>	<u>Natural Gas Usage</u>		<u>Pollutant</u>	<u>Emission</u>	<u>Emissions</u>	
	<u>(mmscf/Mo)</u>	<u>(mmscf/Yr)</u>		<u>Factor</u>	<u>(Lb/Mo)</u>	<u>(Ton/Yr)</u>
Natural Gas Combustion	3	24	NO <sub>x</sub>	100	300	1.20
			CO	84	252	1.01
			PM	7.6	23	0.09
			VOM	5.5	17	0.07

These limits are based on standard AP-42 emission factors and information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

5. In the event that the operation of this emission unit 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.
6. The Permittee shall maintain the following records:
- a. Natural gas usage (mmscf/mo and mmscf/yr);
  - b. Name, usage (lb/mo and lb/yr), VOM and HAP content (% wt. or lb/gal), and VOM and HAP emissions for the following materials:
    - i. Silk screen inks;
    - ii. Thinners;
    - iii. Wood furniture coatings; and
    - iv. Clean-up solvents.

- c. Amount of VOM containing solvent reclaimed for reuse or sent offsite for disposal (lb/mo and lb/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 the 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 recordkeeping 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, 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  
    9511 West Harrison  
    Des Plaines, Illinois 60016
10. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year:
  - a. Ink VOM usage;
  - b. Wood furniture coatings VOM usage; and
  - c. Clean-up solvent VOM usage.

It should be noted that the woodworking operation with dust collector is exempt from state permitting requirements, pursuant to 35 Ill. Adm. Code 201.146(aa) and (jj), respectively.

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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

DES:EEJ:jar

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 menu board manufacturing facility 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 natural gas usage to 24 mmscf, limiting the VOM usage rates of inks, coatings, and solvents. The resulting maximum emissions are well below the levels, e.g., less than 25 tons/yr of volatile organic material (VOM), less than 10 tons/yr of single hazardous air pollutant (HAP), and less than 25 tons/yr of total combined hazardous air pollutants (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 and control measures are more effective than required in this permit.

1. Emissions and operation of silk screening and wood coating operations shall not exceed the following limits:

<u>Material</u>	<u>VOM Usage</u>		<u>VOM Emissions</u>	
	<u>(Lb/Mo)</u>	<u>(Lb/Yr)</u>	<u>(Lb/Mo)</u>	<u>(Ton/Yr)</u>
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2. Emissions and operation of space heaters shall not exceed the following limits:

<u>Process</u>	<u>Natural Gas Usage</u>		<u>Pollutant</u>	<u>Emission</u>	<u>Emissions</u>	
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