

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT - RENEWAL

PERMITTEE

American Buildings Company
Attn: Terry Kuper
Highway 24 East
El Paso, Illinois 61738

Application No.: 94060039

I.D. No.: 113816AAC

Applicant's Designation:

Date Received: March 19, 2001

Subject: Metal Prefabricated Buildings Manufacturing Plant

Date Issued: July 26, 2001

Expiration Date: July 26, 2006

Location: Highway 24 East, El Paso

This permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of two paint booths with individual dry filters 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/yr for VOM, 10 tons/yr for a single HAP and 25 tons/yr for combined 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 all operating permit(s) issued for this location.
2. The coating booths are subject to and shall comply with the volatile organic materials (VOM) emission limitations of 35 Ill. Adm. Code Part 215, Subpart F: Coating Operations. Compliance with the requirements of this subpart is achieved through the use of compliance coating pursuant to 35 Ill. Adm. Code 218.204(j)(2). The VOM content of the coatings, as applied, shall not exceed 3.5 lb/gal excluding water and any compounds which are specifically exempted from the definition of VOM.
3. Operations and emissions from the coating operations shall not exceed the following limits:

<u>Material</u>	<u>Usage</u>		<u>VOM Content</u> (lb/gal)	<u>VOM Emissions</u>	
	(gal/mo)	(gal/Yr)		(T/Mo)	(T/Yr)
Primers I	6,700	40,000	3.3	11.1	66.0
Primers II	170	1,000	3.5	0.3	1.8

<u>Material</u>	<u>Usage</u>		<u>VOM Content</u> (lb/gal)	<u>VOM Emissions</u>	
	(gal/mo)	(gal/Yr)		(T/Mo)	(T/Yr)
Thinner/Cleaner	50	300	7.28	0.2	1.1
Roll Forming Lubricant	500	2,800	6.48	1.6	9.1
Mastic	3,800	23,000	1.68	3.2	19.3
				<u>Total</u>	<u>97.3</u>

These limits are based on the maximum production rate and the highest VOM content of raw materials. Compliance with annual limit shall be determined on a monthly basis from the sum of data for current month plus the preceding 11 months.

4. The emissions of hazardous air pollutants (HAP) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single hazardous air pollutant or 25 tons per year of any combination of such hazardous air pollutants, 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 hazardous air pollutants from this source not triggering the requirement to obtain a Clean Air Act Permit Program permit from the Illinois EPA.
5. The emission of particulate matter from paint booths shall not exceed 0.2 ton/month and 1.0 ton/year. These limits are based on assumption of 60% paint overspray and 99% of filters efficiency.
6. 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.
7. The Permittee shall maintain monthly records of the following items:
 - a. Usage of each coating and solvent (gal/mo and gal/Yr);
 - b. VOM and HAP content of each coating and solvent (lb/gal or wt%);
 - c. VOM, single HAP and total HAPs emissions (ton/mo and ton/Yr).
8. 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 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 an Illinois EPA request for records during the course of a source inspection.
9. 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 Agency's Compliance and Enforcement 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 exceedances or violation and efforts to reduce emissions and future occurrences.

10. 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 Illinois EPA
Division of Air Pollution Control
Compliance and Enforcement 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 Illinois EPA
Division of Air Pollution Control
2009 Mall Street
Collinsville, Illinois 62234

11. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: paint, solvent, roll forming lubricant and mastic usage. If there have been no exceedances during the prior calendar year, the Annual Emission Report shall include a statement to that effect.

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: IEPA, FOS Region 3
IEPA, Compliance and Enforcement Section
Lotus Notes

Attachment A-Emissions Summary

This attachment provides a summary of the maximum emission from the 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. This is a usage of 67,000 gallons of coatings and solvents per year. The resulting maximum emissions are well below the levels, 100 tons per year of VOM, 10 tons per year of a 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 material is handled, coatings used and control measures are more effective than in this permit.

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

<u>Material</u>	<u>Usage</u>		<u>VOM Content</u> (lb/gal)	<u>VOM Emissions</u>	
	(gal/mo)	(gal/Yr)		(T/Mo)	(T/Yr)
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