

b.	Volatile Organic Material Emissions	
<u>Activity</u>	<u>(Lb/Month)</u>	<u>(Tons/Year)</u>
Loading Operations	1,384	8.3
Mixing and Storing Operations	1,034	6.2
Other Fugitive Sources	84	0.5

This table defines the potential emissions based upon the maximum throughput and vapor pressure as limited in Condition 2 and the emission factors in AP-42.

3. This permit is issued based upon the operations of this plant not being subject to the requirements of VOM control in 35 Ill. Adm. Code 218, Subpart QQ. This is a result of the conditions in this permit which constrain maximum theoretical emissions to less than 100 tons per year VOM and potential to emit to less than 25 tons per year.
4. 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.
5. Emissions and operation of all natural gas fuel combustion shall not exceed the following limits:

Natural Gas Usage	
<u>(mmscf/Month)</u>	<u>(mmscf/Year)</u>
7.5	75

	Emissions	
<u>Pollutants</u>	<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
Nitrogen Oxides	0.38	3.8
Carbon Monoxide	0.32	3.2
Particulate Matter	0.03	0.29
Volatile Organic Material	0.02	0.21
Sulfur Dioxide	0.003	0.03

These limits are based on standard emission factors (AP-42, 1.4). Compliance with annual limits shall be determined from a running total of 12 months of data.

- 6a. The Permittee shall maintain records of the following items for each material used at the facility:

- i. Calculated representative vapor pressure of each type (solvent, inkols) of material stored, loaded and blended (psia)
 - ii. Throughputs of each material stored, loaded and blended (gallons/month and gallons/year)
 - iii. VOM and HAP emissions (tons/year)
 - iv. Natural gas usage (scf/month and scf/year).
- b. These records shall be recorded on at least a monthly basis. All records shall be retained for at least 3 years and readily available to the Illinois EPA and USEPA upon request.
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: Emission

calculations of VOM with supporting information (vapor pressure, VOM material throughputs, fuel usage, etc.) from the prior calendar year. If there have been no exceedances during the prior calendar year the Annual Emissions Report shall include a statement to that effect.

11. For purposes of fees pursuant to Section 9.6 of the Illinois Environmental Protection Act, annual emissions of specified air contaminants, i.e., particulate matter, nitrogen oxide, carbon monoxide, volatile organic material, and sulfur dioxide, shall not exceed 25 tons, which shall be the permitted emissions of this site.

Please note that this permit is revised to update fuel combustion emissions in Condition 5.

If you have any questions on this, please call John Blazis at 217/782-2113.

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

DES:JPB:psj

cc: Region 1
USEPA (Lotus Notes)
Compliance Section

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emissions from this storage and blending 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, lower vapor pressures and control measures are more effective than required in this permit.

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2. Emissions and operation of all natural gas fuel combustion:

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		Emissions	
	<u>Pollutants</u>	<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
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