

- i. The person(s) who will be performing sampling and analysis and their experience with similar tests.
 - ii. The conditions under which testing will be performed, including a discussion of why these conditions will be representative of the maximum operating rate, the levels of operating parameters at or within which compliance is intended to be shown, if applicable, and the means by which the operating parameters for the process and any control equipment will be determined.
- e. The Agency or USEPA shall be notified prior to these tests to enable the Agency or USEPA to observe these tests. Notification for the expected date of testing shall be submitted a minimum of thirty (30) days prior to the expected date. Notification of the actual date and expected time of testing shall be submitted a minimum of five (5) working days prior to the actual date of the tests. The Agency or USEPA may, at its discretion, accept notification with shorter advance notice provided that the Agency or USEPA will not accept such notifications if it interferes with the Agency's ability to observe the testing.
5. The Permittee shall maintain monthly records of the following items:
 - a. Asphalt concrete production (tons/month and tons/yr);
 - b. Crusher throughput (tons/month and tons/year);
6. The records required by this permit shall be retained at a readily accessible location at the plant for at least 3 years from the date of entry and shall be made available for inspection and copying by the Agency and USEPA upon request.
7. If the rotary dryer control system is not operating properly while the dryer is operated or 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 Agency's Compliance Unit 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. This report should be sent to:

Illinois EPA
Bureau of Air
Compliance Section (#40)
P.O. Box 19276
Springfield, IL 62794-9276
8. No person shall cause or allow any visible emissions of fugitive particulate matter from any process, including material handling or storage activity, beyond the property line of the emission source, pursuant to 35 Ill Adm. Code 212.301.

9. The assembly of this plant at a new location will require a construction permit for the new location. This permit must be obtained prior to commencing construction at the new location.
10. This permit supersedes the current permit(s) issued for this location.
- 11a. The Permittee shall maintain operating and maintenance logs for the dryer control system, including: maintenance activities, with date and description of inspections, repair actions, and equipment replacements, etc.
 - b. These records shall be retained at a readily accessible location at the plant for at least 3 years from the date of entry and shall be made available for inspection and copying by the Agency upon request.
- 12a. The Final Report(s) for all tests shall be submitted within 90 days after the date of the test. The Final Report shall include as a minimum:
 - i. General information describing the test, including the name and identification of the emission source which was tested, date of test, names of personnel performing the tests, and Agency observers, if any;
 - ii. A summary of results;
 - iii. Description of test procedures, including description of sampling points, test equipment, and test schedule;
 - iv. Detailed description of test conditions, including:
 - A. Process information, i.e., process rate, aggregate type, fuel type, and firing rate.
 - B. Control equipment information, i.e., equipment condition and operating parameters during testing.
 - v. Data and calculations, including copies of all raw data sheets and records of laboratory analyses, sample calculations, and data on equipment calibration.
- b. 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

13. The Permittee shall submit the following additional information from the prior calendar year, along with the Annual Emission Report, due May 1st of each year to the address indicated in Condition 7:
 - a. Asphalt Concrete Production (tons/year)
 - b. Crusher Throughput (tons/year)
14. The Permittee shall notify the Agency prior to any change in the type of fuel used at the source.
15. 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 nuisance.

It should be noted that the asphalt heater and the asphalt storage tanks are exempt, pursuant to 35 Ill. Adm. Code 201.146(d) and (n), respectively.

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

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

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Attachment

cc: IEPA, FOS Region 1
IEPA, CASM

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emissions from the asphalt plant and the crushing 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., 100 tons per year of carbon monoxide 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 the asphalt plant shall not exceed the following limits:

		Asphalt Concrete Production	
		<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
		42,000	210,000
<u>Pollutant</u>	<u>Emission Factor</u> <u>____(Lb/Ton)____</u>	<u>Emissions</u> <u>(Tons/Month)</u>	<u>(Tons/Year)</u>
Carbon Monoxide	0.40	8.4	42.0
Particulate Matter	0.042	0.9	4.4
Nitrogen Oxides	0.025	0.6	2.7
Sulfur Dioxide	0.0046	0.1	0.5
Volatile Organic Material	0.0082	<u>0.2</u>	<u>0.9</u>
	Totals	10.2	50.5

These limits are based on the maximum asphalt production and standard AP-42 emission factors. Compliance with annual limits shall be determined from a running total of 12 months of data.

2. Emissions and operation of the crushing plant shall not exceed the following limits:

		Crusher Throughput	
		<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
		10,000	50,000
<u>Equipment</u>	<u>Emission Factor</u> <u>____(Lb/Ton)____</u>	<u>Particulate Matter</u> <u>Emissions</u> <u>(Tons/Month)</u>	<u>(Tons/Year)</u>
1 Primary Crusher	0.0007	0.01	0.04
1 Secondary Crusher	0.00124	0.01	0.03
2 Screens	0.0018	0.02	0.09
Up to 10 Conveyors	0.0001	<u>0.01</u>	<u>0.03</u>
	Totals	0.05	0.17

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These limits are based on the maximum crusher throughput and standard controlled emission factors (with wet suppression or aggregate moisture content of 1.5% minimum). Compliance with annual limits shall be determined from a running total of 12 months of data.

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