

- * Emission factor reflects 99% control efficiency for particulate matter being provided by a properly operated baghouse on the cement silo.

These limits are based on standard emission factors, from USEPA's Compilation of Emission Factors, AP-42, and information provided in the application.

3. No person shall cause or allow any visible emissions of fugitive particulate matter from any process, including any material handling or storage activity beyond the property line of the source, pursuant to 35 Ill. Adm. Code 212.301.
4. The Permittee shall, in accordance with the manufacturer(s) and/or vendor(s) recommendations, perform periodic maintenance on the pollution control equipment covered under this permit such that the pollution control equipment be kept in proper working condition and not cause a violation of the Environmental Protection Act and regulations promulgated therein.
- 5a. The Permittee shall maintain records of the written procedures followed for inspection and maintenance of the plants by the Permittee and the procedures recommended by the manufacturer or vendor of pollution control equipment for inspection and maintenance of their equipment.
- b. The Permittee shall maintain the following operating records for the concrete batch plant:
 - i. Concrete production (tons/day, tons/month and tons/year); and
 - ii. Cement received (tons/month and tons/year).
6. 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.
7. If there is an exceedance of the requirements of this permit as determined by the records required by this permit or by other means, 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.

8. Two 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 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

9. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year:
- a. Concrete production (tons/year);
 - b. Maximum concrete production on any day (tons/day); and
 - c. Cement throughput (tons/year).

Please note that this permit has been revised to remove the aggregate processing plant as requested by the company.

If you have any questions on this permit, 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 concrete and aggregate plants 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 2,400 tons of concrete per day. The resulting maximum emissions are well below the levels, e.g., 100 tons per year of PM₁₀ 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 concrete batch plant:

<u>Process</u>	<u>Throughput (Tons/Yr)</u>	<u>Emission Factor (Lb/Ton)</u>	<u>Emissions</u>	
			<u>(Lb/Day)</u>	<u>(Ton/Yr)</u>
Cement Silo Loading	131,400	0.0027*	----	0.18
Cement/ Sand/Aggregate Transfer	876,000	0.029	69.7	12.70
Truck Loading	876,000	0.02	48.0	<u>8.76</u>
			Total:	21.7

* Emission factor reflects 99% control efficiency for particulate matter being provided by a properly operated baghouse on the cement silo.

EEJ:jar

