

217/782-2113

REVISED
CONSTRUCTION PERMIT - NSPS SOURCE

PERMITTEE

Callaghan Paving, Inc.
Attn: Carmen LaPorte
7000 Frontage Road
Burr Ridge, Illinois 60521

Application No.: 98020066 I.D. No.: 031045ANC
Applicant's Designation: ASPHALT-98 Date Received: April 6, 2001
Subject: Drum-Mix Asphalt Plant
Date Issued: June 28, 2001
Location: 500 East 16th Street, Chicago Heights

Permit is hereby granted to the above-designated Permittee to CONSTRUCT emission source(s) and/or air pollution control equipment consisting of a natural gas-fired drum mix asphalt plant controlled by a fabric filter as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

1. These conditions effectively limit the potential emissions of air pollutants from the source to less than major source thresholds (i.e., VOM to less than 25 tons per year). As a result, the source is excluded from the requirements to obtain a Clean Air Act Permit Program (CAAPP) permit.
- 2a. This asphalt plant is subject to New Source Performance Standards (NSPS), 40 CFR 60, Subparts A and I. The Illinois EPA is administering these standards in Illinois on behalf of the United States EPA under a delegation agreement.
- b. The emissions from the asphalt plant shall not contain particulate matter in excess of 0.04 gr/dscf and shall not exhibit 20% opacity or greater, pursuant to the NSPS, 40 CFR 60.92.
- c. At all times the Permittee shall also maintain and operate the asphalt plant, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions, pursuant to the NSPS, 40 CFR 60.11(d).
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 except when the wind speed is in excess of 25 miles per hour, pursuant to 35 Ill. Adm. Code 212.301 and 212.314.
4. Operation and emissions of the asphalt plant shall not exceed the following limits:

- ii. The name and address of the independent testing service(s) performing the tests, with the names of the individuals who may be performing sampling and analysis and their experience with similar tests;
 - iii. The specific determinations of emissions and/or performance which are intended to be made, including the site(s) in the ductwork or stack at which sampling will occur;
 - iv. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and minimum control performance, the values of operating parameters for the emission unit, including associated control equipment, at or within which compliance is intended to be shown, and the means by which compliance is intended to be shown, and the means by which the operating parameters will be determined;
 - v. The procedures which will be used for testing, including the test method(s);
 - vi. A description and justification for any minor changes in standard testing methods and procedures proposed to accommodate the specific circumstances of test.
- d.
- i. The Permittee shall provide the Illinois EPA with written notification of testing at least thirty (30) days prior to testing to enable the Illinois EPA to have an observer present. This notification shall include the name of emission unit(s) to be tested, scheduled date and time, and contact person with telephone number.
 - ii. If testing is delayed, the Permittee shall promptly notify the Illinois EPA by facsimile, at least 5 days prior to the scheduled date of testing or immediately, if the delay occurs in the 5 days prior to the scheduled date. This notification shall also include the new date and time for testing, if set, or a separate notification shall be sent with this information when it is set.
- e. The Permittee shall submit the Test Report for this testing, accompanied by a cover letter stating whether or not compliance was shown, to the Illinois EPA without delay, within 30 days after the results are compiled, but no later than sixty (60) days after the date of testing or sampling. The Test 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 Illinois EPA 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:
 - 1. Process information, i.e., process rate, aggregate type, fuel type, and firing rate.
 - 2. 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.
7. The Permittee shall maintain an operating and maintenance log for the dryer control system, including:
- a. Incidents of malfunction, with date, duration, description, probable cause, and corrective actions, pursuant to 40 CFR 60.7(b), and
 - b. Maintenance activities, with date and description of inspections, repair actions, and equipment replacements, etc.
- This log shall be available for inspection and copying by the Illinois EPA.
8. The Permittee shall maintain records of the following items:
- a. Asphalt concrete production (ton/day, ton/mo, and ton/yr)
 - b. Operating hours (hr/day, hr/mo, and hr/yr)
 - c. Asphalt dryer fuel type and consumption (mmft³/day, mmft³/mo, and mmft³/yr)
 - d. Asphalt tank heater fuel type and consumption (mmft³/day, mmft³/mo, and mmft³/yr)
9. All records required by this permit shall be retained at a readily accessible location at the plant for a least 3 years from the date of entry and shall be made available for inspection and copying by the Illinois EPA.
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 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

- 11a. This Permit will expire on the day operation ceases at this location if this plant is moved to a new location, or otherwise on the date specified above.
 - b. The transportation and reassembly of a portable plant at a new location requires a new construction and operating permit pursuant to 35 Ill. Adm. Code 201.142 and 201.143. This permit must be obtained prior to reassembling the plant at the new location.
12. 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.

It should be noted that this permit has been revised to increase the asphalt production limit to 400,000 tons per year.

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

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

DES:JDK:psj

cc: Illinois EPA, FOS Region 1
Lotus Notes