

217/782-2113

CONSTRUCTION PERMIT -- REVISED

PERMITTEE

ASC Mineral Processing
Attn: Harry Allen
309 East Yates Street
Post Office Box 200
Allerton, Illinois 61810

Application No.: 05100018

I.D. No.: 183803AAC

Applicant's Designation:

Date Received: May 21, 2007

Subject: Baghouse Filters

Date Issued: June 25, 2007

Location: 12637 North 800 East, Fairmount, Vermilion County

This Permit is hereby granted to the above-designated Permittee to CONSTRUCT emission unit(s) and/or air pollution control equipment consisting of two baghouse filters as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special conditions:

- 1a. Operation of the emission units included in this permit shall not begin until all associated air pollution control equipment has been constructed and is operational.
- b. These sources may be operated for one year under this permit from the date of issuance noted above. The Illinois EPA suggests that you apply for an Operating Permit after the NSPS testing is successfully completed in accordance with this permit. This information must be submitted in triplicate and should reference the application and I.D. numbers assigned above.
- 2a. The processing plant is subject to New Source Performance Standards (NSPS), 40 CFR 60, Subparts A and 000. The Illinois EPA is administering these standards in Illinois on behalf of the United States EPA under a delegation agreement.
- b. On and after the date on which the performance test required to be conducted by 40 CFR 60.8 is completed, no owner or operator subject to the provisions of 40 CFR 60 Subpart 000 shall cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf).
3. At all times the Permittee shall also, to the extent practicable, maintain these sources, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions.

4. 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 emission source, pursuant to 35 Ill. Adm. Code 212.301 except as provided in 35 Ill. Adm. Code 212.314
5. This permit is issued based on tests meeting Condition 2(b) of this permit.
- 6a. Within 180 days of initial startup of the permitted equipment, the emissions of particulate matter shall be measured during conditions which are representative of maximum emissions.
- b. The methods and procedures to be used for testing of emissions shall be those referenced by 40 CFR 60.675.
- c. At least 30 days prior to the actual date of testing, a written test plan shall be submitted to the Compliance Section of the Division of Air Pollution Control for review. This plan shall describe the specific procedures for testing, including as a minimum:
 - i. The person(s) who will be performing sampling and analysis and their experience with similar tests.
 - ii. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and the means by which the operating parameters for the emission unit and any control equipment will be determined.
 - iii. The specific determinations of emissions and operation which are intended to be made, including sampling and monitoring locations.
 - iv. The test method(s) which will be used, with the specific analysis method, if the method can be used with different analysis methods.
 - v. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with justification.
 - vi. Any proposed use of an alternative test method, with detailed justification.
 - vii. The format and content of the Source Test Report.
- d. The Illinois EPA shall be notified prior to these tests to enable the Illinois EPA to observe these tests. Notification of 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 test. The Illinois EPA may at its discretion accept notifications with shorter advance notice provided that the Illinois EPA will not accept such notifications if it interferes with the Illinois EPA's ability to observe testing.
- e. Copies of the Final Report(s) for these tests shall be submitted to the Illinois EPA within 60 days after the date of the final day of testing. The Final Report shall include as a minimum:
 - i. A descriptive and table summary of results.
 - ii. General information including but not limited to the name, location and identification of the emission source(s) tested, date(s) of testing, names of

personnel and entities performing the tests, and Illinois EPA observers, if any.

- iii. Description of test procedures and method(s), including description and map of emission sources and sampling points, sampling train, testing and analysis equipment, and test schedule.
 - iv. Detailed description of test conditions, including:
 - A. List and description of the equipment (including serial numbers or other equipment specific identifiers) tested and process information, i.e., mode(s) of operation, process rate/throughput, e.g. fuel or raw material consumption;
 - B. Control equipment information, i.e., equipment condition and operating parameters during testing, and
 - C. A discussion of any preparatory actions taken, i.e., inspections, calibration, maintenance and repair.
 - v. Data and calculations, including copies of all raw data sheets and records of laboratory analyses, sample calculations, and data on equipment calibration. Identification of the applicable regulatory standards that the testing was performed to demonstrate compliance with, a comparison of the test results to the applicable regulatory standards, and a statement whether the test(s) demonstrated compliance with the applicable standards.
 - vi. An explanation of any discrepancies among individual tests, failed tests or anomalous data.
 - vii. The results and discussion of all quality control evaluation data, including a copy of all quality control data.
 - viii. The applicable operating parameters of the pollution control device(s) during testing (temperature, pressure drop, scrubbing flow rate, etc.), if any.
7. The Permittee shall notify the Illinois EPA as required by 40 CFR 60.7, including:
- a. Commencement of construction.
 - b. Actual date of initial startup.
8. Pollution control devices constructed under this permit shall be in operation at all times when the Fluid Bed Drier is in operation and emitting air contaminants.
9. The Permittee shall, in accordance with the manufacturer(s) and/or vendor(s) recommendations, perform periodic inspections and 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 or regulations promulgated therein.
- 10a. Records for periodic inspection of the emission sources and control equipment with date, individual performing the inspection, and nature of inspection; and
- b. Records for prompt repair of defects of control equipment, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.

11. 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 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.
12. If there is an exceedance of or deviation from 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/deviation. 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 deviation and efforts to reduce emissions and future occurrences.
13. Two (2) copies of required reports and notifications 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
2009 Mall Street
Collinsville, Illinois 62234

Pursuant to 35 Ill. Adm. Code 201.143, no person shall cause or allow the operation of any new emission source without first obtaining an operating permit from the Agency, except for testing operations as may be authorized by the construction permit. Pursuant to 35 Ill. Adm. Code 201.160(b), an operating permit may not be issued until the equipment has been constructed or modified in accordance with applicable conditions in this construction permit. The Illinois EPA suggests that you apply for the operating permit after the construction and NSPS testing are successfully completed in accordance with the construction permit. This information must be submitted in triplicate and should reference the application and I.D. numbers assigned above.

It should be noted that the permit has been revised to remove the Dry Cyclone, Venturi Scrubber, and the Entrainment Separator and replaced them with the baghouse as requested by the Permittee.

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

Edwin C. Bakowski, P.E.
Acting Manager, Permit Section
Division of Air Pollution Control

ECB:DKT:psj

cc: Region 3