

Fairmount Abrasives, Inc.
Facility ID# 02-28-00-0277
PTI Application No. 02-12427
September 30, 1998

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Description

1. PTI application 02-12427 is for the installation of a paddle mixer with an attached bagger for the blending of carbon products and additives (emissions unit P001). Particulate matter emissions shall be controlled by a fabric filter baghouse.

B. Operational Restrictions

1. The collection efficiency of the air pollution capture hoods for emissions unit P001 shall be sufficient to minimize or eliminate visible particulate emissions of fugitive dust at all points of capture. Applicant shall maintain all hoods and enclosures in good operating condition. The collection efficiency shall be considered adequate if visible particulate emissions of fugitive dust do not exceed 0 percent opacity from any building egress points.

C. Recordkeeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

D. Compliance Method Determination

1. Emissions Limit: 0.23 lb/hr PM
Applicable Compliance Method: Compliance with the particulate matter emission limitations of 0.23 lb/hr shall be determined in accordance with OAC Rule 3745-17-03 (B) (10). No testing is specifically required by this permit but, if appropriate, may be required pursuant to OAC Rule 3745-15-04 (A). Such testing may be required at opacity levels less than those required by the allowable visible emission limit.
2. Emissions Limit: 1 tpy PM

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Applicable Compliance Method: Compliance with the particulate matter emission limitation of 1 tpy shall be determined by calculations, using design control efficiency of the fabric filter and the amount of material collected by the fabric filter.

3. Emissions Limit: 5% opacity
Applicable Compliance Method: Compliance with the visible emission limitation shall be determined by using U.S. EPA method 9, if required by the Ohio EPA.