



Environmental Protection Agency

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

3/14/2012

Certified Mail

Dennis Dubiel  
American Energy Corporation Century Mine  
43521 Mayhugh Hill Rd.  
Beallsville, OH 43716

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL  
Facility ID: 0607000229  
Permit Number: P0108737  
Permit Type: OAC Chapter 3745-31 Modification  
County: Belmont

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
Yes	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED
No	MAJOR GHG
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install (PTI) which will allow you to install or modify the described emissions unit(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, we urge you to read it carefully. Please complete a survey at [www.epa.ohio.gov/dapc/permitsurvey.aspx](http://www.epa.ohio.gov/dapc/permitsurvey.aspx) and give us feedback on your permitting experience. We value your opinion.

The issuance of this PTI is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
309 South Fourth Street, Room 222  
Columbus, OH 43215

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. If you have any questions regarding this permit, please contact the Ohio EPA DAPC, Southeast District Office. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, [www.epa.ohio.gov/dapc](http://www.epa.ohio.gov/dapc) by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

Michael W. Ahern, Manager  
Permit Issuance and Data Management Section, DAPC

Cc: U.S. EPA  
Ohio EPA-SEDO; Pennsylvania; West Virginia





**FINAL**

**Division of Air Pollution Control  
Permit-to-Install  
for  
American Energy Corporation Century Mine**

Facility ID: 0607000229  
Permit Number: P0108737  
Permit Type: OAC Chapter 3745-31 Modification  
Issued: 3/14/2012  
Effective: 3/14/2012





Division of Air Pollution Control
Permit-to-Install
for
American Energy Corporation Century Mine

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## Authorization

Facility ID: 0607000229  
Facility Description: Coal Mine and Prep Plant  
Application Number(s): A0042523  
Permit Number: P0108737  
Permit Description: Chapter 31 modification of permit to install 06-08208 to increase production and emissions associated with EUs F001, F002, F003, and F004  
Permit Type: OAC Chapter 3745-31 Modification  
Permit Fee: \$2,750.00  
Issue Date: 3/14/2012  
Effective Date: 3/14/2012

This document constitutes issuance to:

American Energy Corporation Century Mine  
Wayne Township Road 88  
Alledonia, OH 43902

of a Permit-to-Install for the emissions unit(s) identified on the following page.

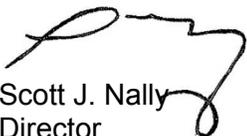
Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Southeast District Office  
2195 Front Street  
Logan, OH 43138  
(740)385-8501

The above named entity is hereby granted a Permit-to-Install for the emissions unit(s) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency



Scott J. Nally  
Director



## Authorization (continued)

Permit Number: P0108737

Permit Description: Chapter 31 modification of permit to install 06-08208 to increase production and emissions associated with EUs F001, F002, F003, and F004

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

- Emissions Unit ID: F001**  
Company Equipment ID: Material Handling  
Superseded Permit Number: 06-08208  
General Permit Category and Type: Not Applicable
- Emissions Unit ID: F002**  
Company Equipment ID: Storage Piles  
Superseded Permit Number: 06-08208  
General Permit Category and Type: Not Applicable
- Emissions Unit ID: F003**  
Company Equipment ID: Roadways & Parking  
Superseded Permit Number: 06-08208  
General Permit Category and Type: Not Applicable
- Emissions Unit ID: F004**  
Company Equipment ID: Coal Prep Plant  
Superseded Permit Number: 06-08208  
General Permit Category and Type: Not Applicable

## **A. Standard Terms and Conditions**

**1. Federally Enforceable Standard Terms and Conditions**

- a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:
  - (1) Standard Term and Condition A.2.a), Severability Clause
  - (2) Standard Term and Condition A.3.c) through A. 3.e)General Requirements
  - (3) Standard Term and Condition A.6.c) and A. 6.d), Compliance Requirements
  - (4) Standard Term and Condition A.9., Reporting Requirements
  - (5) Standard Term and Condition A.10., Applicability
  - (6) Standard Term and Condition A.11.b) through A.11.e), Construction of New Source(s) and Authorization to Install
  - (7) Standard Term and Condition A.14., Public Disclosure
  - (8) Standard Term and Condition A.15., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations
  - (9) Standard Term and Condition A.16., Fees
  - (10) Standard Term and Condition A.17., Permit Transfers

**2. Severability Clause**

- a) A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.
- b) All terms and conditions designated in parts B and C of this permit are federally enforceable as a practical matter, if they are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA and the State and by citizens (to the extent allowed by section 304 of the Act) under the Act. Terms and conditions in parts B and C of this permit shall not be federally enforceable and shall be enforceable under State law only, only if specifically identified in this permit as such.

**3. General Requirements**

- a) The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and re-issuance, or modification.

- b) It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c) This permit may be modified, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d) This permit does not convey any property rights of any sort, or any exclusive privilege.
- e) The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

#### 4. Monitoring and Related Record Keeping and Reporting Requirements

- a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
  - (1) The date, place (as defined in the permit), and time of sampling or measurements.
  - (2) The date(s) analyses were performed.
  - (3) The company or entity that performed the analyses.
  - (4) The analytical techniques or methods used.
  - (5) The results of such analyses.
  - (6) The operating conditions existing at the time of sampling or measurement.
- b) Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
  - (1) Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the Ohio EPA DAPC, Southeast District Office.

- (2) Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the Ohio EPA DAPC, Southeast District Office. The written reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. See A.15. below if no deviations occurred during the quarter.
  - (3) Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted (i.e., postmarked) to the Ohio EPA DAPC, Southeast District Office every six months, by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
  - (4) This permit is for an emissions unit located at a Title V facility, each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
- d) The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

## 5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the Ohio EPA DAPC, Southeast District Office in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to OAC rule 3745-15-06.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

## 6. Compliance Requirements

- a) The emissions unit(s) identified in this Permit shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.
- b) Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

- c) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
  - (1) At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
  - (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.
  - (3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
  - (4) As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- d) The permittee shall submit progress reports to the Ohio EPA DAPC, Southeast District Office concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
  - (1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
  - (2) An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**7. Best Available Technology**

As specified in OAC Rule 3745-31-05, new sources that must employ Best Available Technology (BAT) shall comply with the Applicable Emission Limitations/Control Measures identified as BAT for each subject emissions unit.

**8. Air Pollution Nuisance**

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

**9. Reporting Requirements**

The permittee shall submit required reports in the following manner:

- a) Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the Ohio EPA DAPC, Southeast District Office.
- b) Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have

been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the Ohio EPA DAPC, Southeast District Office. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

## 10. Applicability

This Permit-to-Install is applicable only to the emissions unit(s) identified in the Permit-to-Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

## 11. Construction of New Sources(s) and Authorization to Install

- a) This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.
- b) If applicable, authorization to install any new emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of installation or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.
- c) The permittee may notify Ohio EPA of any emissions unit that is permanently shut down (i.e., the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31) by submitting a certification from the authorized official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the authorized official that the emissions unit was permanently shut down. At a minimum, notification of permanent shut down shall be made or confirmed by marking the affected emissions unit(s) as "permanently shut down" in Ohio EPA's "Air Services" along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

- d) The provisions of this permit shall cease to be enforceable for each affected emissions unit after the date on which an emissions unit is permanently shut down (i.e., emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31). All records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law. All reports required by this permit must be submitted for any period an affected emissions unit operated prior to permanent shut down. At a minimum, the permit requirements must be evaluated as part of the reporting requirements identified in this permit covering the last period the emissions unit operated.

No emissions unit certified by the authorized official as being permanently shut down may resume operation without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

- e) The permittee shall comply with any residual requirements related to this permit, such as the requirement to submit a deviation report, air fee emission report, or other any reporting required by this permit for the period the operating provisions of this permit were enforceable, or as required by regulation or law. All reports shall be submitted in a form and manner prescribed by the Director. All records relating to this permit must be maintained in accordance with law.

## 12. Permit-To-Operate Application

The permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77. The permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

## 13. Construction Compliance Certification

The applicant shall identify the following dates in the online facility profile for each new emissions unit identified in this permit.

- a) Completion of initial installation date shall be entered upon completion of construction and prior to start-up.
- b) Commence operation after installation or latest modification date shall be entered within 90 days after commencing operation of the applicable emissions unit.

## 14. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

**15. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations**

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly (i.e., postmarked), by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

**16. Fees**

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable permit-to-install fees within 30 days after the issuance of any permit-to-install. The permittee shall pay all applicable permit-to-operate fees within thirty days of the issuance of the invoice.

**17. Permit Transfers**

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The new owner must update and submit the ownership information via the "Owner/Contact Change" functionality in Air Services once the transfer is legally completed. The change must be submitted through Air Services within thirty days of the ownership transfer date.

**18. Risk Management Plans**

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

**19. Title IV Provisions**

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

## **B. Facility-Wide Terms and Conditions**

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:
  - a) None.
2. Emissions units F001, F002, and F004 contained in this permit are subject to 40 CFR Part 60, Subpart Y. The complete NSPS requirements, including the NSPS General Provisions, may be accessed via the internet from the Electronic Code of Federal Regulation (e-CFR) website <http://ecfr.gpoaccess.gov> or by contacting the appropriate Ohio EPA District office or local air agency.

## **C. Emissions Unit Terms and Conditions**



1. F001, Coal Material Handling

Operations, Property and/or Equipment Description:

Coal material handling operation including loading, unloading, screening, crushing, and transfer of raw and clean coal and refuse (controlled by wet suppression, chemical treatment, best management practices, and/or enclosures)(Chapter 31 modification to PTI #06-08208 issued 04/08/08 to increase throughput on select equipment and add new equipment).

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	ORC 3704.03(T)	No visible Particulate Emissions (PE) except for one minute during any 60-minute period.  The requirements of this rule include compliance with OAC rule 3745-17-07(B) and 40 CFR Part 60, Subpart Y.
b.	OAC rule 3745-17-07(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-17-08(B)	Reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.  See b)(2)a. – b)(2)f. below.
d.	40 CFR Part 60, Subpart Y (40 CFR 60.250 – 60.258)  [In accordance with 40 CFR 60.250(d), this emissions unit includes coal processing and conveying equipment and coal transfer and loading systems that commenced construction, reconstruction or modification either:	The requirements specified in 40 CFR 60.254(a) and (b)(1) are less stringent than the requirements established pursuant to ORC 3704.03(T).  See b)(2)g. and b)(2)h. below.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	i. after October 27, 1974 and on or before April 28, 2008, or  ii. after April 28, 2008,  and processing more than 200 tons of coal per day, subject to the emissions limitations specified in this section.]	
e.	40 CFR 60.1-19 (40 CFR 60.1(a))	The provisions of Subpart A apply to the owner or operator of any stationary source which contains an affected facility that commenced construction or modification after the date of publication in 40 CFR Part 60 that is applicable to that facility.

(2) Additional Terms and Conditions

- a. The material handling operations that are covered by this permit and subject to the above-mentioned requirements are listed below:
- transfer, belt to belt, raw coal (transfer points A, B, & Q)
  - unload conveyor, ROM stackers, raw coal (transfer points C & O)
  - load conveyor, under pile feed, raw coal (transfer points D & P)
  - transfer, belt to belt, clean coal (transfer point F)
  - unload conveyor, stackers, clean coal (transfer point G)
  - load conveyor, under pile mass gate, clean coal (transfer point H)
  - unload conveyor, coal bin, clean coal (transfer points I, K1, & R1)
  - load conveyor, coal bin to train loadout, clean coal (transfer point J)
  - loading to train, clean coal (transfer point K2)
  - unload conveyor, rock bin, refuse (transfer point L)
  - loading, rock bin to truck, refuse (transfer point M)
  - unloading, truck dump, refuse (transfer point N)
  - load conveyor, truck loading pit, clean coal (transfer point E1)
  - loading, trucks, clean coal (transfer points E2 & R2)
  - screening, raw coal (existing & new screen/crusher building)
  - existing crushing, raw coal (existing & new screen/crusher building)
- b. The permittee shall employ reasonably available control measures for the material handling operations listed above, for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to perform the following control measures to ensure compliance: maintain sufficient moisture to prevent fugitive dust, treat the coal with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies, maintain enclosures, and minimize drop height. Nothing in this paragraph shall prohibit the permittee

from employing other control measures to ensure compliance.

- c. For each material handling operation that is not adequately enclosed, the above-identified control measures shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during the operation of the material handling operations until further observation confirms that use of the control measures is unnecessary.
- d. The permittee shall not overload trucks hauling refuse so as to eliminate spillage, along with maintaining a minimum dump height from refuse bin into trucks, in order to minimize or eliminate the visible emissions of fugitive dust.
- e. The permittee shall continue to maintain covers on all conveyors and the belts shall not be overloaded in order to minimize or eliminate the visible emissions of fugitive dust.
- f. Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-17-08(B).
- g. In accordance with 40 CFR Part 60 Subpart Y, the following pieces of equipment are affected facilities constructed, modified, or reconstructed after October 27, 1974 and on or before April 28, 2008 and are subject to the requirements in 40 CFR 60.254(a).

transfer, belt to belt, raw coal (transfer points A & B)  
unload conveyor, ROM stackers, raw coal (transfer point C)  
load conveyor, under pile feed, raw coal (transfer point D)  
load conveyor, truck loading pit, clean coal (transfer point E1)  
loading, trucks, clean coal (transfer point E2)  
load conveyor, under pile mass gate, clean coal (transfer point H)  
unload conveyor, coal bin, clean coal (transfer points I & K1)  
load conveyor, coal bin to train loadout, clean coal (transfer point J)  
loading to train, clean coal (transfer point K2)  
loading, rock bin to truck, refuse (transfer point M)  
unloading, truck dump, refuse (transfer point N)  
screening, raw coal (existing screen/crusher building)  
crushing, raw coal (existing screen/crusher building)

- h. In accordance with 40 CFR Part 60 Subpart Y, the following pieces of equipment are affected facilities constructed, modified, or reconstructed after April 28, 2008 and are subject to the requirements in 40 CFR 60.254(b)(1).

transfer, belt to belt, raw coal (transfer point Q)  
unload conveyor, ROM stackers, raw coal (transfer point O)  
load conveyor, under pile feed, raw coal (transfer point P)  
transfer, belt to belt, clean coal (transfer point F)



unload conveyor, stackers, clean coal (transfer point G)  
unload conveyor, rock bin, refuse (transfer point L)  
unload conveyor, coal bin, clean coal (transfer point R1)  
loading, trucks, clean coal (transfer point R2)  
screening, raw coal (new screen/crusher building)  
crushing, raw coal (new screen/crusher building)

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:

<u>Material handling operation(s)</u>	<u>Minimum inspection frequency</u>
all	daily

The above-mentioned inspections shall be performed during representative, normal operating conditions.

(2) The permittee shall maintain records of the following information:

- a. the date and reason any required inspection was not performed;
- b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
- c. the dates the control measure(s) was (were) implemented; and
- d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

The information in d)(2)d. shall be kept separately for each material handling operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

(3) See 40 CFR Part 60, Subpart Y (40 CFR 60.250-60.258)

e) Reporting Requirements

(1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

(2) The permittee shall submit quarterly deviation (excursion) reports that identify all of the following occurrences:



- a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
- b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

- (3) Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times for the equipment listed in b)(2)h.:
  - a. construction date (no later than 30 days after such date);
  - b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
  - c. actual start-up date (within 15 days after such date); and
  - d. date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:  
Ohio Environmental Protection Agency  
DAPC - Permit Management Unit  
50 West Town Street, Suite 700  
P. O. Box 1049  
Columbus, Ohio 43216-1049

and

Ohio EPA Southeast District Office  
Division of Air Pollution Control  
2195 Front Street  
Logan, Ohio 43138.

- (4) See 40 CFR Part 60, Subpart Y (40 CFR 60.250-60.258)

f) Testing Requirements

- (1) Compliance with the Emissions Limitation and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emissions Limitation:  
  
No visible PE except for one minute during any 60-minute period.  
  
Applicable Compliance Method:  
  
Visible particulate emissions shall be determined according to USEPA Method 22.

- (2) The permittee shall conduct, or have conducted, emission testing for the equipment listed in b)(2)h. in accordance with the following requirements:
- a. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but not later than 180 days after initial startup of the emissions unit..
  - b. The emissions testing shall be conducted to demonstrate compliance with the following allowable visible PE limitations for fugitive emissions and in accordance with the requirements of 40 CFR Part 60.255(a):
    - i. No visible PE except for one minute during any 60-minute period.
    - ii. The owner or operator must not cause to be discharged into the atmosphere from the affected facility any gases which exhibit 10% opacity or greater.
  - c. The following test method(s) shall be employed to demonstrate compliance with the allowable emission rate(s):
    - i. Compliance with the visible PE limitation specified by ORC 3704.03(T) shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources").
    - ii. Compliance with the visible PE limitation specified in 40 CFR Part 60.054(b)(1) shall be determined in accordance with Test Method 9 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources").
  - d. The test(s) shall be conducted under those representative conditions that challenge to the fullest extent possible a facility's ability to meet the applicable emissions limit and/or control requirements, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency. Although this generally consists of operating the emissions unit at its maximum material input/production rates and results in the highest emission rate of the tested pollutant, there may be circumstances where a lower emissions loading is deemed the most challenging control scenario. Failure to test under these conditions is justification for not accepting the test results as demonstration of compliance..
  - e. No later than thirty (30) days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Southeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Southeast District Office's refusal to accept the results of the emissions test(s).

- f. Personnel from the Ohio EPA, Southeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
  - g. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Southeast District Office within 30 days following completion of test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Southeast District Office.
  - h. The permittee conducted the performance testing required by 40 CFR Part 60.8 and 60.11 on the equipment listed in b)(2)g. on August 30 and 31, 2006, and demonstrated compliance with the visible PE limitation specified in 40 CFR Part 60.254(a) when the unit was operating at or near its maximum capacity. This testing also documented compliance with the visible PE limitation specified by OAC rule 3745-31-05(A)(3).
- g) Miscellaneous Requirements
- (1) None.



2. F002, Storage Piles

Operations, Property and/or Equipment Description:

Storage piles including raw coal (average 9.6 acres), clean coal (average 8.7 acres), and refuse embankment (142 acres) controlled by maintaining sufficient moisture and/or use of dust suppressants. (Chapter 31 modification to PTI # 06-08208 issued 04/08/08 to increase size of clean coal pile and add new refuse pile).

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	ORC 3704.03(T)	No visible Particulate Emissions (PE) except for one minute during any 60-minute period.  The requirements of this rule include compliance with OAC rule 3745-17-07(B).
b.	OAC rule 3745-17-07(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-17-08(B)	Reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.  See b)(2)a through b)(2)d below.
d.	40 CFR Part 60, Subpart Y (40. CFR 60.250-60.258)  [In accordance with 40 CFR 60.250(d), this emissions unit includes open storage piles at an affected facility and commenced construction, reconstruction or modification after May 27, 2009.]	The owner or operator of an open storage pile must prepare and operate in accordance with a submitted fugitive coal dust emissions control plan that is appropriate for the site conditions as specified in paragraphs (c)(1) through (6) of this section. (40 CFR Part 60.254(c))  See b)(2)e below.

- (2) Additional Terms and Conditions
- a. The storage pile and embankment operations that are covered by this permit and subject to the above-mentioned requirements are listed below:
    - i. Raw coal storage pile maintenance and wind erosion
    - ii. Clean coal storage pile maintenance and wind erosion
    - iii. Existing coal refuse embankment wind erosion
    - iv. New coal refuse embankment wind erosion
  - b. The permittee shall employ reasonably available control measures while maintaining the raw and clean storage piles and coal refuse embankments listed above and to prevent wind erosion from those piles, for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to maintain sufficient moisture to prevent fugitive dust or to treat the coal with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
  - c. For each storage pile or embankment operation, the above-identified control measures shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during the operation of the material handling operations until further observation confirms that use of the control measures is unnecessary. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.
  - d. Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-17-08(B).
  - e. The requirement to develop a fugitive coal dust emissions control plan only applies to the clean coal storage pile and the new coal refuse embankment.
- c) Operational Restrictions
- (1) See 40 CFR Part 60, Subpart Y (40 CFR 60.250-60.258)
- d) Monitoring and/or Recordkeeping Requirements
- (1) For storage pile or embankment operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:



The quarterly deviation (excursion) reports shall be submitted in accordance with reporting requirement of the Standard Terms and Conditions of this permit..

(3) See 40 CFR Part 60, Subpart Y (40 CFR 60.250-60.258)

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation:

No visible PE except for one minute during any 60-minute period.

Applicable Compliance Method:

If required, visible emissions of fugitive dust shall be determined according to USEPA Method 22.

g) Miscellaneous Requirements

(1) None.



3. F003, Paved and unpaved roadways and parking areas

Operations, Property and/or Equipment Description:

Unpaved (maximum of 64,321 VMT total) and paved (maximum of 86,460 VMT total) roadways and parking areas. (Chapter 31 modification to PTI # 06-08208 issued 04/08/08 to increase throughput).

- a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (1) None.
- b) Applicable Emissions Limitations and/or Control Requirements
  - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	ORC 3704.03(T)	No visible Particulate Emissions (PE) except for one minute during any 60-minute period from any paved roadways or parking areas.  No visible PE except for three minutes during any 60-minute period from any unpaved roadways or parking areas.  The requirements of this rule include compliance with OAC rule 3745-17-07(B).
b.	OAC rule 3745-17-07(B)(4) <i>Paved roadways and parking areas</i>	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to ORC 3704.03(T).
c.	OAC rule 3745-17-07(B)(5) <i>Unpaved roadways and parking areas</i>	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to ORC 3704.03(T).
d.	OAC rule 3745-17-08(B)	Reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.  See b)(2)a. through b)(2)h. below.

## (2) Additional Terms and Conditions

- a. The following paved and unpaved parking roadways and parking areas are covered by this permit and subject to the requirements of ORC 3704.03(T) and OAC rule 3745-17-08(B):

Unpaved and paved roadways and parking areas

- b. The permittee shall employ reasonably available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways and parking areas with water and/or any other suitable dust suppressants at sufficient treatment frequencies and to enforce a maximum speed limit of 15 mph to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- c. The permittee shall employ reasonably available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to use a wheel washer, to vacuum sweep, to flush the paved roadways and parking areas with water and/or any other suitable dust suppressants at sufficient treatment frequencies, and to enforce a maximum speed limit of 15 mph to ensure compliance to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- d. The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for an unpaved or paved roadway or parking areas that are covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- e. Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measure(s) specified above for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas of no visible PE except for a period of time not to exceed one minute during any sixty-minute observation period.
- f. The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such

material has been deposited by trucking or earth moving equipment or erosion by water or other means.

- g. Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
- h. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-17-08.

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) Except as otherwise provided in this section, the permittee shall perform inspections of each unpaved roadway segment and each parking area in accordance with the following frequencies:

All unpaved and paved roadways and parking areas: daily

- (2) The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

- (3) The permittee shall maintain records of the following information:

- a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
- b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
- c. the dates the control measures were implemented; and
- d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in d)(3)d. shall be kept separately for (i) the unpaved roadways, (ii) the paved roadways, and (iii) the unpaved parking areas, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.



e) Reporting Requirements

- (1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.
- (2) The permittee shall submit quarterly deviation (excursion) reports that identify all of the following occurrences:
  - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
  - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emissions Limitation:  
  
No visible PE except for one minute during any 60-minute period from any paved roadway or parking area.  
  
No visible PE except for three minutes during any 60-minute period from any unpaved roadway or parking area  
  
Applicable Compliance Method:  
  
If required, visible emissions of fugitive dust shall be determined according to USEPA Method 22, with the modifications found in OAC rule 3745-17-03(B)(4).

g) Miscellaneous Requirements

- (1) None.



4. F004, Coal Prep Plant

Operations, Property and/or Equipment Description:

1,800 ton per hour coal preparation plant (primary screening and wet cleaning)

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	Fugitive Particulate (PE) shall not exceed 1.10 tons per year.  No visible PE except for one minute during any 60-minute period.  See b)(2)a. below.  The permittee shall implement best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see b)(2)c. through b)(2)e. below).
b.	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)b. below.
c.	OAC rule 3745-17-07(B)	Visible PE of fugitive dust shall not exceed 20% opacity as a three-minute average, except as provided by rule.  The emission limitation specified by this rule is less stringent than the emissions limitation established pursuant to 40 CFR Part 60, Y and OAC rule 3745-31-05(A)(3), until such time as U.S. EPA approves the December 1, 2006, version of OAC rule 3745-31-05 as part of the State Implementation Plan.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
d.	OAC rule 3745-17-08(B)	<p>Reasonably available control measures that are sufficient to minimize or eliminate visible emission off fugitive dust.</p> <p>See b)(2)c. through b)(2)e below.</p> <p>The control measures specified by this rule are equivalent to the control measures established pursuant to OAC rule 3745-31-05(A)(3), until such time as U.S. EPA approves the December 1, 2006, version of OAC rule 3745-31-05 as part of the State Implementation Plan.</p>
e.	<p>40 CFR Part 60, Subpart Y (40 CFR 60.250-60.258)</p> <p>[In accordance with 40 CFR 60.250(d), this emissions unit includes coal processing and conveying equipment and commenced construction, reconstruction or modification after October 27, 1974 and on or before April 28, 2008, processing more than 200 tons of coal per day, subject to the emissions limitation specified in this section.]</p>	<p>The owner or operator must not cause to be discharged into the atmosphere from the affected facility any gases which exhibit 20% opacity or greater.</p> <p>(40 CFR Part 60.254(a))</p> <p>The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3), until such time as U.S. EPA approves the December 1, 2006, version of OAC rule 3745-31-05 as part of the State Implementation Plan.</p>
f.	40 CFR 60.1-19 (40 CFR 60.1(a))	The provisions of Subpart A apply to the owner or operator of any stationary source which contains an affected facility that commenced construction or modification after the date of publication in 40 CFR Part 60 that is applicable to that facility.

(2) Additional Terms and Conditions

- a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC rule 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulation for NAAQS pollutant emissions less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a rule revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revision to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05, then these emission limits/control measures no longer apply.
- b. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the SIP.
  - i. The Best Available Technology (BAT) requirements under OAC rule 3745-15-05(A)(3) do not apply to the PE from this air contaminant source since the uncontrolled potential to emit for PE taking into account inherent moisture of the process is less than 10 tons/yr.
- c. The permittee shall employ best/reasonably available control measures for the coal screening/wash plant, for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to maintain a 100% wet screening and cleaning process to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- d. For any part of the coal screening/wash plant, the above-identified control measures shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during the operation of the coal screening/wash plant until further observation confirms that use of the control measures is unnecessary.
- e. Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05 and/or 3745-17-08(B).

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) Except as otherwise provided in this section, the permittee shall perform inspections of the coal prep plant in accordance with the following minimum frequencies:

<u>prep plant equipment</u>	<u>minimum inspection frequency</u>
wet screening	daily
coal cleaning	daily

- (2) The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The above-mentioned inspections shall be performed during representative, normal operating conditions.

- (3) The permittee shall maintain records of the following information:

- a. the date and reason any required inspection was not performed;
- b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
- c. the dates the control measure(s) was (were) implemented; and
- d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

The information in (3)d. shall be kept separately for the material handling operations identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

- (4) See 40 CFR Part 60, Subpart Y (40 CFR 60.250-60.258)

e) Reporting Requirements

- (1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

- (2) The permittee shall submit quarterly deviation reports that identify any of the following occurrences:

- a. each day during which an inspection was not performed by the required frequency; and
- b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.

The quarterly deviation (excursion) reports shall be submitted in accordance with reporting requirements of the Standard Terms and Condition of this permit..

- (3) Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:



- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:  
Ohio Environmental Protection Agency  
DAPC - Permit Management Unit  
50 West Town Street, Suite 700  
P. O. Box 1049  
Columbus, Ohio 43216-1049

and

Ohio EPA Southeast District Office  
Division of Air Pollution Control  
2195 Front Street  
Logan, Ohio 43138.

(4) See 40 CFR Part 60, Subpart Y (40 CFR 60.250-60.258)

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation:

Fugitive PE shall not exceed 1.10 tons per year.

Applicable Compliance Method:

Compliance shall be demonstrated by the following equation:

Note: Coal loading, crushing & screening emissions are included in F001 calculations for material handling. Only prep plant included in this PTE analysis.

$EF_{PM} = 0.02$  lbs/ton coal processed

Reference: FIRE Database, 09/2004-Source Classification Code 30501010

Maximum Raw Coal Processing = 11,000,000 TPY (as submitted in application)

PM

$E = 0.02$  lbs/ton \* 11,000,000 tons produced = 110 TPY

100 % wet process with control efficiency of 99% = 1.10 TPY

b. Emissions Limitation:

No visible PE except for one minute during any 60-minute period.

Applicable Compliance Method:

If required, visible particulate emissions shall be determined according to US EPA Method 22.

c. Emissions Limitation:

The owner or operator must not cause to be discharged into the atmosphere from the affected facility any gases which exhibit 20% opacity or greater.

Applicable Compliance Method:

If required, compliance with the visible PE limitation specified in 40 CFR Part 60.254(a) shall be determined in accordance with Test Method 9 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standard of Performance for New Stationary Sources".

d. The permittee conducted the performance testing required by 40 CFR Part 60.8 and 60.11 on this unit on August 30 and 31, 2006, and demonstrated compliance with the visible PE limitation specified in 40 CFR Part 60.254(a) when the unit was operating at or near its maximum capacity. This testing also documented compliance with the visible PE limitation specified by OAC rule 3745-31-05(A)(3).

g) Miscellaneous Requirements

(1) None.