

Fact Sheet



For Final Renewal Permitting Action Under 45CSR30 and Title V of the Clean Air Act

Permit Number: **R30-03300018-2016**
Application Received: **September 9, 2015**
Plant Identification Number: **03-54-03300018**
Permittee: **Harrison County Coal Company**
Facility Name: **Harrison County Facility**
Mailing Address: **Route 1, Box 26**
Shinnston, WV 26431

Physical Location: Shinnston, Harrison County, West Virginia
UTM Coordinates: 554.82 km Easting • 4361.54 km Northing • Zone 17
Directions: From U.S. Route 19 in Shinnston, travel west on County Route 3 (Lucas Rd.) for approximately 2.7 miles until turning left on County Route 3/4. Proceed on Route 3/4 for approximately 0.9 miles to the plant site.

Facility Description

Harrison County Coal Company's facility operates a 2,800 tons per hour coal preparation plant. The facility has the potential to operate seven (7) days per week, twenty-four (24) hours per day and fifty-two (52) weeks per year. SIC Code: 1222

A minor modification (MM01) application was received on May 18, 2015 which covers changes included in recently revised Permit R13-2306E (issued on July 11, 2016). The changes from this minor modification have been incorporated in this renewal. The minor modification is to increase the size of an existing raw coal stockpile (Emission Source ID- 006) from 4.9 acres (213,444 ft²) base area and 250,000 tons capacity to 9.69 acres (422,096.4 ft²) base area and 750,000 tons capacity.

Emissions Summary

Plantwide Emissions Summary [Tons per Year]		
Regulated Pollutants	Potential Emissions	2015 Actual Emissions
Particulate Matter (PM _{2.5})	38.9	14.83
Particulate Matter (PM ₁₀)	268.25	51.75
Total Particulate Matter (TSP)	724.44	104.59
Volatile Organic Compounds (VOC)	37.60	23.94

PM₁₀ is a component of TSP.

Title V Program Applicability Basis

This facility has the potential to emit 268.25 tons per year of PM₁₀. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Harrison County Coal Company is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

This facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR5	Control of particulate matter from coal preparation plants
	45CSR6	Open burning prohibited.
	45CSR11	Standby plans for emergency episodes.
	45CSR13	Permit for construction/modification
	45CSR16	New Source Performance Standards
	WV Code § 22-5-4 (a) (14)	The Secretary can request any pertinent information such as annual emission inventory reporting.
	45CSR30	Operating permit requirement.
State Only:	40 C.F.R. Part 60, Subpart Y	Requirements for coal preparation plant
	40 C.F.R. Part 61	Asbestos inspection and removal
	40 C.F.R. Part 82, Subpart F	Ozone depleting substances
	45CSR4	No objectionable odors.

Each State and Federally-enforceable condition of the Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (if any)
R13-2306E	7/11/2016	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table," which may be downloaded from DAQ's website.

Determinations and Justifications

- ❖ Requirements 3.1.9 and 3.5.10 (45CSR§§42-3.1, 4.1, 4.2 and 4.5) - deleted because the rule 45CSR42 was repealed by S.B. 253 on June 1, 2012.
- ❖ **40 C.F.R. Part 60, Subpart Y-Requirements for coal preparation plant:**
 The modified stockpile (Emission Source ID- 006) is subject to 40CFR60, Subpart Y. The company will operate the stock pile in accordance with a fugitive coal dust emissions control plan that is appropriate for site conditions. The applicable requirement was added as condition 5.1.20 of this permit
- ❖ The Title V permit includes the following changes from R13-2306E in this permit:

- The change in potential emissions associated with the minor modification (MM01) is as follows:

Pollutants	Change in Potential Emissions, TPY
PM	+2.74
PM ₁₀	+1.29

- The Emission Units Table was updated as follows:
 1. Increased the size of existing raw coal stockpile (Emission Source ID- 006) from 4.9 acres (213,444 ft²) base area and 250,000 tons capacity to 9.69 acres (422,096.4 ft²) base area and 750,000 tons capacity.
 2. Minor changes were made in the date of Construction/Modification column.
- Citations in conditions 5.1.1, 5.1.2, 5.1.11, 5.1.12, 5.1.13, 5.1.14, 5.2.1, 5.3.3, 5.3.4, 5.3.5, 5.3.6, 5.3.7, 5.3.8, 5.5.1, 5.5.2, 5.5.4, 5.5.5 and 5.5.6 were updated because of renumbering of R13-2306E conditions.
- Conditions 5.1.15, 5.1.16, 5.1.17, 5.1.18, 5.1.19, 5.3.9, 5.3.10, 5.4.3, 5.4.4 and 5.5.7 were added for 40 C.F.R. Part 60 Subpart Y, Rule 13 and for Rule 5 requirements.
- Condition 5.5.4 was updated for 40 C.F.R. Part 60 Subpart Y reporting requirement.

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

40 CFR 64-Compliance Assurance Monitoring. This is the third permit renewal for this facility. The facility was found not to be subject to CAM at the time of the previous renewal. There were no new emission units or control devices added at the facility that would require a CAM applicability analysis. Therefore, a CAM determination is not required.

Request for Variances or Alternatives

None

Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

Comment Period

Beginning Date: July 22, 2016
Ending Date: August 22, 2016

Point of Contact

All written comments should be addressed to the following individual and office:

Beena Modi
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. 1228 • Fax: 304/926-0478
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Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

Response to Comments (Statement of Basis)

Not applicable.