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west virginia department of environmental protection

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Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: (304) 926-0475 • FAX: (304) 926-0479

Jim Justice, Governor  
Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

February 17, 2017

Derrick Kegley, Authorized Representative  
Mid-Vol Coal Sales, Inc.  
640 Clover Dew Dairy Road  
Princeton, WV 24740

Re: Application Status: Approved  
Mid-Vol Coal Sales, Inc.  
No. 8 Loadout  
Registration Application G10-D169  
Plant ID No. 047-00109

Dear Mr. Kegley:

Your application for a General Permit G10-D registration to modify a coal handling operation as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed registration G10-D169 is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

A copy of the complete General Permit G10-D may be obtained from the DAQ's website at the following address: <http://www.dep.wv.gov/daq/permitting/Pages/airgeneralpermit.aspx>.

In accordance with 45CSR22 - Air Quality Management Fee Program, the permittee shall not operate nor cause to operate the permitted facility or other associated facilities on the same or contiguous sites comprising the plant without first obtaining and having in current effect a Certificate to Operate (CTO). Such Certificate to Operate (CTO) shall be renewed annually, shall be maintained on the premises for which the Certificate has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions, please contact me at (304) 926-0499, ext. 1210.

Sincerely,



Daniel P. Roberts, Engineer Trainee  
NSR Permitting Section

Enclosures

c: Derrick Kegley, [derrick.kegley@arcelormittal.com](mailto:derrick.kegley@arcelormittal.com)

*West Virginia Department of Environmental Protection*

*Division of Air Quality*

*Jim Justice  
Governor*

*Austin Caperton  
Cabinet Secretary*

**Class II General Permit  
G10-D Registration to Modify**



for the  
Prevention and Control of Air Pollution in regard to the  
Construction, Modification, Relocation,  
Administrative Update and Operation of  
Coal Preparation Plants and Coal Handling Operations

*The permittee identified at the facility listed below is authorized to  
construct the stationary sources of air pollutants identified herein in accordance  
with all terms and conditions of General Permit G10-D.*

**G10-D169**

Issued to:

**Mid-Vol Coal Sales, Inc.**

**No. 8 Loadout**

**047-00109**

A blue ink signature of William F. Durham, written in a cursive style, is positioned above a horizontal line.

*William F. Durham  
Director*

*Issued: February 17, 2017*

This Class II General Permit Registration will supercede and replace permit R13-2553D approved on January 22, 2008.

Facility Location: Elbert, McDowell County, West Virginia  
Mailing Address: 640 Clover Dew Dairy Road, Princeton, WV 24740  
Facility Description: Coal Handling Operation  
SIC Codes: 1221 (Bituminous Coal & Lignite - Surface)  
NAICS Codes: 212111 (Bituminous Coal and Lignite Surface Mining)  
UTM Coordinates: Easting: 452.68 km • Northing: 4132.00 km • NAD83 Zone 17N  
Lat/Lon Coordinates: Latitude: 37.333469 • Longitude: -81.534168 • NAD83  
Registration Type: Modification  
Description of Change: **After-the-Fact** modification to add truck dump bin E3-1, conveyor BC1 and stockpile OS-1, which were constructed sometime before January 1, 2009 and remove the Black Wolf Washer wet wash coal preparation plant.

Subject to 40CFR60 Subpart Y? No  
Subject to 40CFR60 Subpart IIII? No  
Subject to 40CFR60 Subpart JJJJ? No

*Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [ §§ 22B-1-1 et seq. ], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.*

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*As a result of the granting of this permit, the source is not subject to 45CSR30.*

**All registered facilities under Class II General Permit G10-D are subject to Sections 1.0, 1.1, 2.0, 3.0 and 4.0.**

The following sections of Class II General Permit G10-D apply to the registrant:

- Section 5 Coal Preparation and Processing Plants and Coal Handling Operations
- Section 6 Standards of Performance for Coal Preparation and Processing Plants that Commenced Construction, Reconstruction or Modification after October 27, 1974, and on or before April 27, 2008 (40 CFR 60 Subpart Y)
- Section 7 Standards of Performance for Coal Preparation and Processing Plants that Commenced Construction, Reconstruction or Modification after April 28, 2008, and on or before May 27, 2009 (40 CFR 60 Subpart Y)
- Section 8 Standards of Performance for Coal Preparation and Processing Plants that Commenced Construction, Reconstruction or Modification after May 27, 2009 (40 CFR 60 Subpart Y)
- Section 9 Reciprocating Internal Combustion Engines (R.I.C.E.)
- Section 10 Tanks
- Section 11 Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60 Subpart IIII)
- Section 12 Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40 CFR 60 Subpart JJJJ)

**Emission Units**

Equipment ID No.	Date of Construction, Reconstruction or Modification <sup>1</sup>	G10-D Applicable Sections <sup>2</sup>	Emission Unit Description	Maximum Permitted Throughput		Control Device <sup>3</sup>	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID No.	Control Device <sup>3</sup>
<b>Railcar Loadout Circuit</b>									
E3-1	C 2009	5	Clean Coal Dump Bin - 60 tons capacity - receives clean coal from trucks and feeds it into BC1	450	500,000	PW	B A	TP01 TP05	UD-PW TC-FE
BC1	C 2009	5	Belt Conveyor - receives clean coal from E3-1 and transfers it to OS-1	450	500,000	N	B A	TP05 TP06	TC-FE TC-N
OS-1	C 2009	5	Clean Coal Stockpile with a Stacking Tube - maximum 15,000 tons capacity, 25,000 ft <sup>2</sup> base area and 40' height - receives clean coal from BC1, stores it and then it is reclaimed by a front endloader to E3-2 (see below)	450	500,000	WS	B A A	TP06 TP10 TP11	TC-N LO-N UD-PW
OS-2	C 2009	5	Clean Coal Stockpile with a Stacking Tube - maximum 15,000 tons capacity, 25,000 ft <sup>2</sup> base area and 40' height - receives clean coal from trucks, stores it and then it is reclaimed by a front endloader to OT-1	450	500,000	WS	B A A	TP02 TP07 TP12	UL- N LO-N UD-N
OS-3	C 2009	5	Clean Coal Stockpile with a Stacking Tube - maximum 15,000 tons capacity, 25,000 ft <sup>2</sup> base area and 40' height - receives clean coal from trucks, stores it and then it is reclaimed by a front endloader to OT-1	450	500,000	WS	B A A	TP03 TP08 TP13	UL-N LO-N UD-N
OS-4	C 2009	5	Clean Coal Stockpile with a Stacking Tube - maximum 15,000 tons capacity, 25,000 ft <sup>2</sup> base area and 40' height - receives clean coal from trucks, stores it and then it is reclaimed by a front endloader to OT-1	450	500,000	WS	B A A	TP04 TP09 TP14	UL-N LO-N UD- N

Equipment ID No.	Date of Construction, Reconstruction or Modification <sup>1</sup>	G10-D Applicable Sections <sup>2</sup>	Emission Unit Description	Maximum Permitted Throughput		Control Device <sup>3</sup>	Associated Transfer Points		
				TPH	TPY		Location: B - Before A - After	ID No.	Control Device <sup>3</sup>
Underground Feeder	C 2009	5	Clean Coal Dump Bin - 60 tons capacity - receives clean coal from OS-2, OS-3 and OS-4 via a front endloader and feeds it onto BC2	450	500,000	PE	B B B A	TP12 TP13 TP14 TP15	UD-N UD-N UD-N TC-FE
BC2	C 2009	5	Belt Conveyor - receives clean coal from OT-1 and transfers it to E3-2	450	500,000	N	B A	TP15 TP16	TC-FE TC-PW
E3-2	C 2009	5	Clean Coal Dump Bin - 60 tons capacity - receives clean coal from BC2 and OS-1 via a front endloader and feeds it onto BC3	450	500,000	PW	B B A	TP11 TP16 TP17	UD-PW TC-PW TC-FE
BC3	C 2009	5	Belt Conveyor - receives clean coal from E3-2 and transfers it to BC4	450	500,000	N	B A	TP17 TP18	TC-FE TC-PW
BC4	C 2009	5	Belt Conveyor - receives clean coal from BC3 and transfers it to BS-1	450	500,000	N	B A	TP18 TP19	TC-PW TC-FE
BS-1	C 2009	5	Weigh Bin - 60 tons capacity - receives clean coal from BC4 and loads it into railcars through a telescopic chute for shipment	450	500,000	FE	B A	TP19 TP20	TC-FE LR-TC

<sup>1</sup> In accordance with 45CSR5, visible emissions from any stack or fugitive dust control system shall not exceed twenty percent (20%) opacity or greater.  
<sup>2</sup> All registered affected facilities under Class II General Permit G10-D are subject to Sections 1.0, 1.1, 2.0, 3.0 and 4.0.  
<sup>3</sup> Control Device Abbreviations: FE - Full Enclosure; FW - Full Enclosure with Water Sprays; PE - Partial Enclosure; PW - Partial Enclosure with Water Sprays; WS - Water Sprays; TC - Telescopic Chute; and N - No Control.

### Emission Limitations

- Facility-wide Emissions - Mid-Vol Coal Sales, Inc. No. 8 Loadout	Maximum Controlled PM Emissions		Maximum Controlled PM <sub>10</sub> Emissions	
	lb/hour	TPY	lb/hour	TPY
<b>Fugitive Emissions</b>				
Open Storage Pile Emissions	0.16	0.70	0.08	0.33
Unpaved Haulroad Emissions	38.40	29.95	11.33	8.84
Paved Haulroad Emissions	0.00	0.00	0.00	0.00
<i>Fugitive Emissions Total</i>	<i>38.56</i>	<i>30.66</i>	<i>11.41</i>	<i>9.17</i>
<b>Point Source Emissions</b>				
Equipment Emissions	0.00	0.00	0.0	0.00
Transfer Point Emissions	5.88	3.27	2.78	1.54
<i>Point Source Emissions Total (PTE)</i>	<i>5.88</i>	<i>3.27</i>	<i>2.78</i>	<i>1.54</i>
<b>FACILITY EMISSIONS TOTAL</b>	<b>44.44</b>	<b>33.92</b>	<b>14.19</b>	<b>10.72</b>

### Storage Tanks - Not Applicable

Source ID No.	Status	Content	Design Capacity			Orientation	G10-D Applicable Sections
			Volume	Diameter	Throughput		

**Engines - Not Applicable**

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
		Nitrogen Oxides		
		Carbon Monoxide		
		Volatile Organic Compounds		
		Particulate Matter (<10 microns)		
		Sulfur Dioxide		
		Formaldehyde		

**Control Devices - Not Applicable**

Control Device ID No.	Source ID No.	Date Constructed, Reconstructed, or Modified	Emission Unit Description (Make, Model, Serial No., etc.)

**Reciprocating Internal Combustion Engines - Not Applicable**

Emission Unit ID No.	Emission Unit Description (Make, Model, Serial No., etc.)	Year Installed	Design Capacity (Bhp/rpm)

**Reciprocating Internal Combustion Engines (R.I.C.E.) Information - Not Applicable**

Emission Unit ID No.	Subject to 40CFR60 Subpart IIII?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 9.1.4/9.2.1 (Catalytic Reduction Device)