

# Fact Sheet



## For Final Minor Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Minor Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on October 21, 2011.

Permit Number: **R30-03300011-2011**  
Application Received: **September 8, 2014**  
Plant Identification Number: **03-54-033-00011**  
Permittee: **Dominion Transmission, Inc.**  
Facility Name: **Wilsonburg Compressor Station**  
Mailing Address: **925 White Oaks Blvd, Bridgeport, WV 26330**

Permit Action Number: *MM01*      Revised: *February 1, 2016*

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Physical Location:	Wilsonburg, Harrison County, West Virginia
UTM Coordinates:	549.9 km Easting • 4348.7 km Northing • Zone 17
Directions:	From the intersection of Rt. 50 and SR98 near Clarksburg, go west on Rt. 50 for 1.3 miles to intersection. Turn right onto Paleo Road and travel 100 feet to gravel road on the right. Go through the gate and follow gravel road to the station.

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### Facility Description

Wilsonburg Compressor Station is a natural gas facility covered by Standard Industrial Classification (SIC) Code 4922. The station has the potential to operate seven (7) days per week, twenty-four (24) hours per day. The station consists of a total of two (2) natural gas fired reciprocating engines, two (2) emergency generators, one (1) dehydration unit with flare, and seven (7) storage tanks of various sizes.

The proposed Title V modification (MM01) incorporates changes associated with the modification permit R13-2856B to construct one (1) new enclosed flare which replaces the existing flare utilized as a control device on the existing glycol dehydration system.

**Emissions Summary**

The change in potential emissions are as follows:

<b>Regulated Pollutants</b>	<b>Change in Potential Emissions (+ or -), TPY</b>
Carbon Monoxide (CO)	-1.70
Nitrogen Oxides (NO <sub>x</sub> )	-0.01
Total Particulate Matter (TSP)	+0.53
Sulfur Dioxide (SO <sub>2</sub> )	0.00
Volatile Organic Compounds (VOC)	+3.20
Total HAPs	+0.07

**Title V Program Applicability Basis**

With the proposed changes associated with this modification, this facility maintains the potential to emit over 100 tons per year of criteria pollutant. Due to this facility’s potential to emit over 100 tons per year of criteria pollutant, Dominion Transmission, Inc. 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.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State:

45CSR6	Control Of Air Pollution From Combustion Of Refuse Permits For Construction, Modification, Relocation And Operation Of Stationary Sources Of Air Pollutants, Notification Requirements, Administrative Updates, Temporary Permits, General Permits, And Procedures For Evaluation
45CSR13	
45CSR30	Operating permit requirement.
45CSR34	Emission Standards For Hazardous Air Pollutants
40 C.F.R. Part 63, Subpart HH	National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities

State Only:

N/A

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)
R13-2856B	May 7, 2015	

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

- 1) The "Emission Units" table was updated to reflect the removal of Reciprocating Engine/Integral Compressor "001-01". The flare description for "F2" has been replaced with the new enclosed flare. The new enclosed flare Emission Unit ID is "F3." Also, the emission point and Control device for the Cameron Dehydration Unit "DEHY02" has been updated to "F3."
  - Any references to "F2" throughout the permit have been changed to "F3"
- 2) Condition 1.2. - The Permit Number has been updated to R13-2856B with the date of issuance of May 7, 2015.
- 3) Condition 3.5.3. - The US EPA mailing information has been updated.
- 4) Conditions 5.1.2. and 5.1.3., have been revised to update the language as revised in permit R13-2856B.
- 5) Condition 5.1.6. – The formula has been updated to include the new incinerator capacity of 509 lb/hr and resulting in a recalculated PM emissions limit of 1.38 lb/hr.
- 6) Condition 5.1.13.(d) – R13-2856B (§5.1.6.) requires the benzene emissions meet those of 40 CFR §63.764(e)(1)(ii). Therefore, since the requirements of §63.764(e)(1)(ii) will be met, the dehydration unit is exempt from the requirements of 40 CFR §63.764(d). Hence, 5.1.13.(d) has been deleted.
- 7) Condition 5.1.13.(e) – The language in this condition has been updated to require the benzene emissions to meet those of 40 CFR §63.764(e)(1)(ii) as contained in §5.1.6 of R13-2856B.

Also, the citation of authority has been updated for condition 5.1.13.
- 8) Condition 5.1.14. – Since the benzene emissions from the dehydration unit are required to be less than 0.90 megagram per year (1 tpy) as required in 5.1.13.(e), condition 5.1.14. is obsolete and therefore has been removed.
- 9) Condition 5.2.2. – Updated the language as revised in permit R13-2856B.
- 10) Condition 5.2.6. – Condition 5.3.3. (also 5.3.3. in Permit R13-2856B) contains the requirements for compliance with Conditions 5.1.2. and 5.1.3. Condition 5.3.3 will also demonstrate compliance with the minor source requirement of 5.1.11. and the benzene exemption in condition 5.1.13.(e). The existing language in condition 5.2.6. is redundant and not needed. Therefore, condition 5.2.6 has been labeled "Reserved."

- 11) Condition 5.3.3. - Updated the language as revised in permit R13-2856B which includes the requirements of 40 CFR §63.772(b)(2). Also added 45CSR34 and 40 CFR §63.772(b)(2) to the citation of authority. Removed 45CSR§30-5.1.c. as this requirement comes directly from R13-2856B.
- 12) Condition 5.3.4. –The requirements of R13-2856B that have been added in condition 5.3.3. made the requirements in this condition duplicative. Therefore, this condition has been deleted.
- 13) Condition 5.4.6. - Updated the language as revised in permit R13-2856B which includes the requirements of 40 CFR §63.774(d)(1)(ii). Also added 45CSR34 and 40 CFR §63.774(d)(1)(ii) to the citation of authority.
- 14) Condition 5.4.10. – Since compliance with the benzene exemption has been included in 5.4.6., this condition has been revised for compliance with the HAP emission limitations only.
- 15) Condition 5.5.1. – The language in this condition contained requirements from R13-2856A. Those requirements have been deleted in R13-2856B. Hence, this condition has been deleted.
- 16) Condition 5.5.5. – Since condition 5.3.3. has been updated to the language of R13-2856B and does not contain the requirement to test in the 3<sup>rd</sup> year of the permit term, the language in this condition has been deleted.
- 17) Condition 7.0. – Removed “EN01” (emission point for Reciprocating Engine/Integral Compressor “001-01”) from the Section 7.0 title.

### **Non-Applicability Determinations**

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

None.

### **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: Not Applicable for minor modifications  
Ending Date: N/A

### **Point of Contact**

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

Frederick Tipane  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: 304/926-0499 ext. 1215 • Fax: 304/926-0478  
Frederick.Tipane@wv.gov

### **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.