

# 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 April 21, 2020.

Permit Number: **R30-09500080-2020**  
Application Received: **March 09, 2021**  
Plant Identification Number: **095-00080**  
Permittee: **Antero Midstream LLC**  
Facility Name: **East Mountain Compressor Station**  
Mailing Address: **1615 Wynkoop Street, Denver, CO 80202**

Permit Action Number: *MM01*    Revised: *August 23, 2021*

---

Physical Location:                      Pennsboro, Tyler County, West Virginia  
UTM Coordinates:                      511.705 km Easting • 4,354.946 km Northing • Zone 17  
Directions:                                From Pennsboro, WV, drive on WV-74 N for 5.9 miles. Turn right on to 74/4 and drive for 1.6 miles. Go left at the fork for 74/1 and drive for 0.42 miles. Turn right on 74/1 Haymond Ridge Road. Facility is on the right in 1.1 miles.

---

### Facility Description

The purpose of this modification is to increase the NO<sub>x</sub> emissions factor for the compressor engines to 0.5 grams per brake horsepower hour and to add vessel cleaning/maintenance emissions to the venting episodes emission source. These modifications were approved under R13-3373D.

### Emissions Summary

This modification results in the following emission changes:

Pollutant	Change in Emissions (TPY)
Nitrogen Oxides (NO <sub>x</sub> )	57.93
Volatile Organic Compounds (VOC)	0.33

### Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 158.13 tons of NO<sub>x</sub> and 154.54 tons of VOCs per year. Due to this facility's potential to emit over 100 tons per year of criteria pollutant Antero Midstream LLC 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:	45CSR13	Construction Permit Requirement
	45CSR30	Operating permit requirement.
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

The active permits/consent orders affected by this modification are as follows:

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit ( <i>if any</i> )
R13-3373D	June 02, 2021	

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

The purpose of this modification is to increase the NO<sub>x</sub> emissions factor for the compressor engines to 0.5 grams per brake horsepower hour and to add vessel cleaning/maintenance emissions to the venting episodes emission source.

This modification required changes to the following permit conditions:

- Corrected the SIC Code for the facility on page 2 of the permit.
- Table 1.2 was updated, as R13-3373D supersedes and replaces R13-3373C.
- Condition 4.1.1 was updated to reflect R13-3373D emission limit changes.
- Condition 7.1.4 was updated to reflect R13-3373D emission limit changes.
- Condition 13.1.5 was added to reflect its addition in R13-3373D.

- Recordkeeping for condition 13.1.5 was included in condition 13.4.2.
- Reporting for condition 13.1.5 was included in condition 13.5.1.

### **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: N/A  
Ending Date: N/A

### **Point of Contact**

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

Nikki B. Moats  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
304/926-0499 ext. 41282  
Nikki.B.Moats@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.