

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 May 9, 2023.

Permit Number: **R30-03900048-2023**
Application Received: **April 19, 2023**
Plant Identification Number: **039-00048**
Permittee: **Columbia Gas Transmission, LLC**
Facility Name: **Clendenin Compressor Station**
Mailing Address: **1700 MacCorkle Ave, SE, 5th Floor**
Charleston, WV 25314

Permit Action Number: *MM01* Revised: *February 26, 2024*

Physical Location: Clendenin, Kanawha County, West Virginia
UTM Coordinates: 472.793 km Easting • 4260.836 km Northing • Zone 17
Directions: Traveling north on US Route 119 from Clendenin, go approximately 0.8 mile and turn right onto Thorofare Road (WV secondary Route 59). Proceed approximately 2.5 miles and turn right onto Route 59-2 and travel approximately 1.2 miles to the station.

Facility Description

The Clendenin compressor station compresses natural gas for pipeline transmission. The facility operates under SIC code 4922. This facility uses two (2) indirect-fired heaters, one (1) reciprocating engine/compressor, one (1) turbine engine/centrifugal compressor, one (1) reciprocating engine/generator, and fifty-nine (59) catalytic heaters.

This minor modification MM01 permitting action is based on permit R13-2247D. R13-2247D covers the addition of current Consent Order #CO-R40-C-2017-7 conditions and 40 C.F.R. 63 Subpart DDDDD requirements to the NSR permit. Since the Consent Order #CO-R40-C-2017-7 conditions and the 40 C.F.R. 63 Subpart DDDDD requirements were already included in the Title V permit, minor modification MM01 only required the addition of the NSR citations to those conditions. Also added clarification that the limit on the maximum hours of operation for the emergency generator 058G2 applies during periods of non-emergency.

Emissions Summary

There are no emission changes associated with this modification.

Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 119.89 TPY of CO, 626.51 TPY of NO_x and 12.65 TPY of Formaldehyde. Due to this facility's potential to emit over 100 tons per year of criteria pollutant and over 10 tons per year of an individual HAP, Columbia Gas Transmission, 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	NSR permits.
	45CSR30	Operating permit requirement.

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 (if any)
R13-2247D	07/05/2023	

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. Emission Units Table 1.1 - Emission Unit E06 description was corrected from "Solar Centaur T-4500 Turbine" to "Solar Centaur 40 Turbine".
2. Sections 3.0 – added NSR citations (Consent Order #CO-R40-C-2017-7) to the existing Title V conditions 3.9.1 through 3.9.3.

3. Section 5.0 – added NSR citation (permit R13-2247D) to the existing Title V condition 5.1.1 (40 C.F.R. §63.6640(f) requirements on continuous compliance with the emission limitations, operating limitations, and other requirements for emergency stationary generator 058G2).
4. Section 6.0 - updated to include citations (for underlying permit R13-2247D requirements) for conditions 6.1.1 through 6.1.8, 6.4.1, 6.4.2, and 6.5.1 through 6.5.6.
5. Section 7.0 - references to E06 were revised to be “Solar Centaur 40”. Condition 7.1.4 - added language to specify that the maximum hours of operation limit for the emergency generator 058G2 applies during periods of non-emergency. Condition 7.5.1 was revised, and conditions 7.2.1, 7.5.2 and 7.5.3 were deleted according to the changes made in underlying permit R13-2247D.

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
Ending Date: Not Applicable

Point of Contact

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

Natalya V. Chertkovsky-Veselova
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
304/926-0499 ext. 41250
natalya.v.chertkovsky@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.