

# 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 September 15, 2020.

Permit Number: **R30-01300017-2020**

Applications Received: **December 29, 2023 (MM02) and July 3, 2024 (MM03)**

Plant Identification Number: **03-54-013-00017**

Permittee: **Columbia Gas Transmission, LLC**

Facility Name: **White Oak Compressor Station**

Mailing Address: **1700 MacCorkle Avenue SE, Charleston, WV 25314**

Permit Action Number: *MM02/MM03* Revised: *March 31, 2025*

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Physical Location: Brohard, Calhoun County, West Virginia  
UTM Coordinates: 487.7 km Easting • 4,321.4 km Northing • Zone 17  
Directions: From the town of Brohard, head southeast on Brohard Road towards Dutchman Run and turn right to stay on Brohard Road. Continue on County Route 5/3. In approximately one mile, turn left onto County Route 21/3. The station is on the right in approximately 1.6 miles.

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### Facility Description

The White Oak Compressor Station is a natural gas transmission and compressor station. Pipeline transmission of natural gas requires that the gas be compressed. The facility receives natural gas via pipeline from an upstream compressor station, compresses it using natural gas-fired turbines, and transmits the natural gas via pipeline to a downstream station.

SIC Code: 4922

These minor modifications incorporate the revisions made with the Class I Administrative Update Permit R13-3315B and Class I Administrative Update Permit R13-3315C. There were no physical changes at the facility and no changes in emissions.

## Emissions Summary

There are no changes in emissions at the facility.

## Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 212.34 tpy of Carbon Monoxide. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, 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 permit
	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 ( <i>if any</i> )
R13-3315C	July 9, 2024	

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

These minor modifications incorporate the revisions made with the Class I Administrative Update Permit R13-3315B and Class I Administrative Update Permit R13-3315C. The following changes have been made to the Title V operating permit for these modifications:

1. Permit boilerplate was revised (conditions 2.1.3, 2.17, 3.1.6, 3.3.1, 3.5.4, 3.5.7 and 3.5.8).
2. Emission Units Table 1.1 - updated Emission Units T1 and T2 descriptions (removed "E"), updated Emission Unit G1 description (added "VGF-P48GL" and "RICE"), and aggregated Maximum Design Heat Input (MDHI) for Catalytic Heaters (Emission Unit HTR2), also, removed "40" from the Emission Unit HTR2 description;

3. Section 4.0 – removed old condition 4.1.4 (the turbines are permitted at 8,760 hours per year of operation, therefore, establishing a limit on natural gas throughput is unnecessary), as the result, old conditions 4.1.5 through 4.1.7 were re-numbered to 4.1.4 through 4.1.6; deleted “E” from the turbine description in conditions 4.1.1 through 4.1.4, and 4.4.1; modified CO compliance testing schedule for turbines T01 and T02 in condition 4.3.2 to “as requested by the Secretary and outlined in Section 3.3”.
4. Section 5.0 – added “RICE” to header; condition 5.1.1 - added “RICE” to description of G1 and additional language which states the 500 hours per year requirement is for “periods of non-emergencies”; conditions 5.1.2 and 5.1.3 - added “RICE” to description of G1.
5. Section 6.0 – condition 6.1.1 was revised to remove “40” from the emission unit description in the MDHI Table; condition 6.1.2 - Catalytic Heaters (HTR2) are not indirect heat exchangers, therefore, it was indicated that only Process Heater (HTR1) is subject to this requirement (45CSR§2-3.1).

### **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:

Natalya V. Chertkovsky-Veselova  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> 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.