



State of Ohio Environmental Protection Agency

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RE: **FINAL PERMIT TO INSTALL MODIFICATION CERTIFIED MAIL**  
**RICHLAND COUNTY**  
Application No: 03-10822

	<b>TOXIC REVIEW</b>
	<b>PSD</b>
	<b>SYNTHETIC MINOR</b>
	<b>CEMS</b>
	<b>MACT</b>
	<b>NSPS</b>
	<b>NESHAPS</b>
	<b>NETTING</b>
	<b>MAJOR NON-ATTAINMENT</b>
	<b>MODELING SUBMITTED</b>
	<b>GASOLINE DISPENSING FACILITY</b>

DATE: 5/13/2003

Columbia Gas Transmission Corp - Pavonia  
Michael Hoffman  
P.O. Box 1273 1700 MacCorkle Ave SE  
Charleston, WV 25325-1273

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Very truly yours,

Michael W. Ahern, Supervisor  
Field Operations and Permit Section  
Division of Air Pollution Control

CC: USEPA

NWDO



**FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 03-10822**

Application Number: **03-10822**

APS Premise Number: **0370000226**

Permit Fee: **\$100**

Name of Facility: **Columbia Gas Transmission Corp - Pavonia**

Person to Contact: **Michael Hoffman**

Address: **P.O. Box 1273 1700 MacCorkle Ave SE  
Charleston, WV 25325-1273**

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**2385Cotter Road  
Mansfield, OHIO**

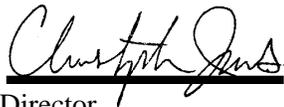
Description of modification:

**Administrative modification of PTI 03-10822 to reflect a change in AP-42 emission factors.**

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

  
Director

**Columbia Gas Transmission Corp - Pavonia**

Facility ID: **0370000226**

**PTI Application: 03-10822**

**Modification Issued: 5/13/2003**

## **GENERAL PERMIT CONDITIONS**

### **TERMINATION OF PERMIT TO INSTALL**

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

### **NOTICE OF INSPECTION**

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

### **CONSTRUCTION OF NEW SOURCES**

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

### **PERMIT TO INSTALL FEE**

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

**PUBLIC DISCLOSURE**

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

**APPLICABILITY**

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

**BEST AVAILABLE TECHNOLOGY**

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

**PERMIT TO OPERATE APPLICATION AND OPERATION AFTER COMPLETION OF CONSTRUCTION**

If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the source(s) covered by this permit.

**SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION**

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws and regulations.

**AIR EMISSION SUMMARY**

The air contaminant emissions units listed below comprise the Permit to Install for **Columbia Gas Transmission Corp - Pavonia** located in **RICHLAND** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P001	3.1 MMBtu/hr NG fired emergency generator	Compliance with terms and conditions of this permit.	3745-31-05 3745-17-11 (B)(5)(a) 3745-17-07 (A)(1-3) 3745-18-06 (A)	0.25 lb PM/MMBtu heat input 20 percent opacity, except as provided by rule 0.19 lb SO <sub>2</sub> /hr 11.53 lbs CO/hr 12.1 lb NO <sub>x</sub> /hr

**SUMMARY  
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons/Year</u>
PM	1.7
SO <sub>2</sub>	0.4
CO	23.0
NO <sub>x</sub>	24.1

**WASTE DISPOSAL**

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

### **MAINTENANCE OF EQUIPMENT**

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

### **MALFUNCTION/ABATEMENT**

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Northwest District Office - DAPC, 347 North Dunbridge Road, Bowling Green, Ohio 43402.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

### **AIR POLLUTION NUISANCES PROHIBITED**

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

### **ADDITIONAL SPECIAL TERMS AND CONDITIONS**

#### **Introduction**

The purpose of this permit-to-install (PTI) is to correct a permitting deficiency at the Columbia Gas Transmission Corporation-Pavonia Compressor Station (hereinafter referred to as "permittee") located in Mansfield, Ohio. An electric generator was installed in 1990 without first obtaining a PTI. The facility's potential-to emit exceeds 100 tons per year of Nitrogen Oxides and is therefore subject to Title V.

#### **A. Applicable Emission Limitations and/or Control Requirements**

1. This permit allows the emission of Acetaldehyde, Acrolein, Benzene, Ethyl benzene, Formaldehyde, Toluene and Xylene as specified by the permittee in the application for PTI No. 03-0822. Emission limitation (s) for these pollutants were not specified in this permit because the pollutant emissions are each less than a ton and were not required to undergo modeling.

#### **B. Operational Restrictions**

1. The maximum annual operating hours for this emissions unit shall not exceed 3981.

#### **C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain annual records of the operating hours for this emissions unit.

#### **D. Reporting Requirements**

1. The permittee shall submit annual reports which identify any exceedances of the 3981 operating hours limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

**E. Testing Requirements and Compliance Method Determinations**

1. Compliance with the emission limitations in the air emission summary shall be determined in accordance with the following method (s):

- a. Emission Limitation

0.25 pound particulate matter/MMBtu heat input

Applicable Compliance Method

Compliance with the emission limit of 0.25 pounds PM/MMBtu heat input shall be determined in accordance with OAC 3745-17-03 (B)(10). In the absence of Ohio EPA requiring such testing, compliance shall be determined using calculations based on AP-42 emission factor for natural gas combustion.

- b. Emission Limitation

20 percent opacity

Applicable Compliance Method

OAC rule 3745-17-03 (B)(1)

- c. Emission Limitation

0.19 pound SO<sub>2</sub>/hour; 0.4 TPY SO<sub>2</sub>

Applicable Compliance Method

OAC rule 3745-18-04 (F)(3)

- d. Emission Limitation

10.4 pounds CO/hour; 20.7 TPY CO

Applicable Compliance Method

Method 10 of 40 CFR Part 60, Appendix A. In the absence of the Ohio EPA requiring such testing, the permittee may calculate the hourly and annual CO emission rates through use of Ap-42 emission factors for natural gas combustion.

e. Emission Limitation

12.1 pounds NO<sub>x</sub>/hour; 24.1 TPY NO<sub>x</sub>

Applicable Compliance Method

Method 7 of 40 CFR Part 60, Appendix A. In the absence of the Ohio EPA requiring such testing, the permittee may calculate the hourly and annual NO<sub>x</sub> emission rates through use of AP-42 emission factors for natural gas combustion.

**F. Miscellaneous Requirements**

None