

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
SOUTHCENTRAL REGION - FIELD OPERATIONS
AIR QUALITY CONTROL PROGRAM

APR 28 1995

OPERATING PERMIT

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and after due consideration of an application received under Chapter 127 of the rules and regulations of the Department of Environmental Resources, the Department hereby issues this permit for the operation of the air contamination source described below.

Permit No: <u>01-2003</u>	Source & Air Cleaning Device: <u>(See Attached)</u>
Owner: <u>Columbia Gas Transmission Corporation</u>	
Address: <u>1700 MacCorkle Avenue, S.E.</u>	
<u>Charleston, WV 25314</u>	
Attention: <u>Mr. Robert W. Welch, Jr.</u>	Location: <u>Gettysburg Compressor Station</u>
<u>Vice President - Environmental Affairs</u>	<u>1895 Granite Station Road</u>
	<u>Straban Township</u>
	<u>Adams County</u>

This permit is subject to the following conditions:

1. That the source and any associated air cleaning devices are to be:
 - a. operated in such a manner as not to cause air pollution;
 - b. in compliance with the specifications and conditions of the Reasonably Available Control Technology (RACT) plan;
 - c. operated and maintained in a manner consistent with good operating and maintenance practices.
2. This permit is valid only for the specific equipment, location and owner named above.
3. This operating permit is valid for a limited time only and may be renewed before its expiration. Requests for an operating permit renewal must be in writing and must be accompanied by a fee in the amount of \$500 payable to the "Commonwealth of Pennsylvania - Clean Air Fund." The request should be made on the attached Interim Application for Renewal of a Permit to Operate form and must be received by the Department along with a completed Compliance History form (attached) no later than OCT 21 1999.
4. See attached.

Failure to comply with the conditions placed on this permit is a violation of Section 127.444. Violation of this or any other provision of Article III of the rules and regulations of the Department of Environmental Resources will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued: APR 21 1995
Expires: MAY 31 2000


Program Manager

Southcentral Region 01-2003
York District
EPA, Region III
Permits

PERMIT NO. 01-2003COLUMBIA GAS TRANSMISSION CORPORATIONGETTYSBURG COMPRESSOR STATIONSource, Continued

This operating permit constitutes a RACT determination as per the 25 Pa. Code, Section 129.91 for the following sources and operations at the Columbia Gas Transmission Corporation, Gettysburg Compressor Station:

- a. Unit #1 - Solar Centaur Gas Turbine, Model T4000, Gas Fired - 3,550 hp
- b. Unit #2 - Solar Saturn Gas Turbine, Model T1001S, Gas Fired - 1,160 hp
- c. Unit #3 - Solar Saturn Gas Turbine, Model T1001S, Gas Fired - 1,160 hp
- d. Unit #4 - Solar Saturn Gas Turbine, Model T1302, Gas Fired - 1,350 hp
- e. Auxiliary Generator, Gas Fired - 150 hp

Conditions Continued

4. Sources (b) through (d) listed above are subject to PRESUMPTIVE RACT as per 25 Pa. Code, Section 129.93(c)(2). Source (e) listed above is subject to PRESUMPTIVE RACT as per 25 Pa. Code, Section 129.93(c)(1).
5. The NO_x emissions from the sources listed in (a) through (d) above shall not exceed the following limits:
 - a. Unit #1 - 165 ppmvd corrected to 15% O₂
 - b. Units #2 and #3 - 110 ppmvd corrected to 15% O₂
 - c. Unit #4 - 150 ppmvd corrected to 15% O₂
6. The emission factor listed in Condition 5 shall not be applied to Units #2 and #3 during the turbines start and stop subject to maximum of 1 hour for each start and 1 hour for each stop.
7. Stack testing to determine the emission rate of NO_x as NO₂, CO, and NMVOC shall be performed on the above gas turbine Unit #1 within 180 days of issue of this operating permit.
8. Stack testing shall be performed in accordance with 25 Pa. Code, Section 139 and the current version of the Department Source Testing Manual.
9. A Stack Test Protocol is to be submitted to the Program Manager for approval at least 60 days prior to stack test.

PERMIT NO. 01-2003

COLUMBIA GAS TRANSMISSION CORPORATION

GETTYSBURG COMPRESSOR STATION

Conditions, Continued

10. The Department shall be notified at least two weeks in advance of the date and time of the stack test.
11. Two copies of the stack test results shall be submitted to the Program Manager for review within 60 days of completion of testing. The emissions shall be reported in the following units:
 - a. Concentration as measured - ppmvd corrected to 15% O₂
 - b. Specific output - g/hp-hr
 - c. Total output - lb/hr
 - d. Total output - lb/mmbtu
12. Verification of the NO_x emission standard listed in Condition 5 shall be conducted annually utilizing methodology outlined in 25 Pa. Code, Section 139 and the Department's Source Testing Manual or by other means approved by the Department.
- ~~13. The Department reserves the right to revise the emission standard listed in Condition 5, based on information obtained during the testing program outlined in Condition 7 through 11.~~
14. Columbia Gas shall report to the Program Manager any modification to the sources listed in this operating permit, which is expected to increase NO_x and VOC emissions.
15. The facility shall maintain monthly record of operating hours and fuel consumption of the turbines listed above (a) through (d), and maintain annual record of the same.
16. The facility shall keep a record of maintenance and repairs to the Sources.
17. The records listed in the Conditions 15 and 16 shall be retained for two (2) years, and shall be made available to the Department upon its request.
18. This operating permit supersedes Operating Permit Nos. 01-328-001 and 01-328-002.

