

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
SOUTHWEST REGION - FIELD OPERATIONS
AIR QUALITY CONTROL
400 WATERFRONT DRIVE
PITTSBURGH, PENNSYLVANIA 15222-4745

RACT PLAN APPROVAL

Permit No.: 63-000-631
Owner : Columbia Gas Transmission Corp.
Address : P.O. Box 1273
Charleston, WV 25325
Attention : P. M. Hoffman
Environmental Coordinator

Source : Natural Gas Compressor
Air :
Cleaning:
Devices :
Plant : Donegal Compressor Station
Location: Donora Township
County : Washington

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and with Chapter 127 of the Rules and Regulations of the Department of Environmental Resources, the Department on July 10, 1995 approved plans for the above indicated air contamination source(s).
CLEANED
Mobile Sources
(SAT21)

~~This PLAN APPROVAL expires 12/31/95~~

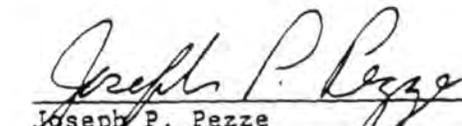
1996

The plan approval is subject to the following conditions:

1. The air cleaning device is to be installed in accordance with the plans submitted with the application (as approved herein).
2. Upon completion of the construction of the above indicated air cleaning device a operating permit must be obtained from the person noted below.
3. See attached.

Notify the person noted below when the installation is completed so that the source can be inspected for issuance of an OPERATING PERMIT.

NOTE: R. Shawn Mendt
Engineering Services
(412) 442-4331


Joseph P. Pezze
Regional Air Quality Manager
Southwest Region

Columbia Gas Transmission Corp.
 RACT Plan Approval #63-000-631

Special Conditions

2. This RACT Plan Approval approves the RACT proposal of Columbia Gas Transmission Corporation for the Donegal Station at Donegal township, Washington County. Sources shall be exempt from these conditions for one hour after start up and one hour prior to shut down.
4. This Plan Approval is for installation of screw-in precombustion chambers on two (2) Ingersoll Rand 36KVS engines and the implementation of presumptive RACT on four (4) ancillary sources by Columbia Gas Transmission Corporation at their Donegal Station in Donegal Township, Washington County.
5. The Approval does not waive, either expressly or by implication any existing or previous Plan Approval or Operating Permit conditions or requirements issued to the Owner/Operator of the source.
6. For those sources which Columbia has elected to utilize presumptive technology provided for in 25 PA Code 129.93, the plant shall provide a report to the Department by May 31, 1995 detailing the manufacturer's specifications for installation, maintenance, and operation of these sources.

The company shall not operate the auxiliary generator more than 500 hours annually.

8. The emission rates of the Ingersoll Rand 36 KVS engines shall be limited as follows:

Unit 1:

Emission	Annual Emissions (tpy)	Hourly Emissions (lb/hr)
NOx	36	8.20
NMVOG	30	6.83

Unit 2:

Emission	Annual Emissions (tpy)	Hourly Emissions (lb/hr)
NOx	36	8.20
NMVOG	30	6.83

- ~~9. The Department may revise the emission limits established above based on actual emission rates.~~
10. A minimum of one (1) stack test in accordance with 25 PA Code Ch139 and the Department Source Testing Manual shall be performed on all non-presumptive sources during the 5 year Operating Permit to verify the

emission rates for NOx (as NO2), CO, and NMVOC. Testing shall be conducted while engines are operating at full load and full speed during the ozone season (April to October).

11. All sources operating 750 hours or more during the preceding ozone season shall be stack tested semi-annually to verify the rates of NOx (as NO2), CO, and NMVOC through either an EPA Method stack test or through the use of portable monitors.
12. All sources operating less than 750 hours during the preceding ozone season shall be stack tested annually to verify the rates of NOx (as NO2), CO and NMVOC through either an EPA Method stack test or through the use of portable monitors.
13. For those tests utilizing portable monitors, the company shall submit a complete operating procedure including calibration, QA/QC, and emissions calculation methods to the Department at least 60 days prior to the stack test specified in Condition 10, above. The accuracy of the portable analyzer readings shall be verified by operation and recording of readings during the EPA method stack testing of Condition 10, which shall be conducted any time during the 5 year Operating Permit. Results from stack tests using portable analyzers shall be retained by the company at the test location and provided annually with the emission statements and at other times as requested by the Department.
14. The company shall submit a pretest protocol for review at least 60 days prior to performance of the stack tests.
15. The company shall also notify the Department at least two weeks prior to the stack tests so an observer may be present at the time of the tests.
16. The company shall submit a stack test report to the Department within 60 days of testing.
17. Reductions in the allowable emission rates below the levels established herein shall not be available as Emission Reduction Credits (ERCs) pursuant to 25 PA Code Section 127.206 unless the reductions are achieved through real reductions of actual or allowable emissions, whichever is lower, and unless the reductions are achieved through the installation of controls beyond those required by RACT or any other subsequent regulatory requirement.
18. The company shall maintain records in accordance with the recordkeeping requirements of 25 PA Code Section 129.95. At a minimum, the following records shall be kept for the compressor engine: operating hours, total monthly bhp-hrs, and monthly fuel consumption. These records shall be maintained on a file for not less than two years and shall be made available to the Department upon request.

19. Other than testing requirements, all RACT requirements shall be implemented as expeditiously as possible but no later than May 31, 1995. An extension may be allowed provided that a court approved consent decree is fully executed on or before May 31, 1995.
- ~~20. This Plan Approval authorizes the temporary operation of the source(s) covered by this Plan Approval provided the following conditions are met:~~
- ~~(a) The Department must receive written notice from the Owner/Operator of the completion of construction and the Operator's intent to commence operation at least five (5) working days prior to the completion of construction will be completed and when the Operator expects to commence operation.~~
 - ~~(b) Operation is authorized only to facilitate the start-up and shake-down of sources and air cleaning devices, to permit operations pending the issuance of an Operating Permit or to permit the evaluation of the source for compliance with all applicable regulations and requirements.~~
 - ~~(c) This condition authorizes temporary operation of the source(s) for a period of 180 days from the commencement of operation, provided the Department receives notice from the Owner/Operator pursuant to subpart (a), above.~~
 - ~~(d) The Owner/Operator may request an extension if compliance with all applicable regulations and Plan Approval requirements has not been established. The extension request shall be submitted in writing at least 15 days prior to the end of the period of temporary operation and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established.~~
 - ~~(e) The notice submitted by the Owner/Operator pursuant to subpart (a), above, prior to the expiration of this Plan Approval shall modify the Plan Approval expiration date. The new Plan Approval date shall be 180 days from the date of notice.~~