

ORC

Working

N-206

V-207

Revised

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

EPA

RACT PLAN APPROVAL

Permit No. :32-000-129	Source :4 Inger. Rand SVG-8AS Engines
Owner :CNG Transmission Corporation	Air :
Address :P.O. Box 2450	Cleaning:
Clarksburg, WV 26302	Devices :
Attention :Joseph A. Estanich	Plant :Rochester Mills Station
Engineer, Environmental Services	Location:East Mahoning Townsh
	County :Indiana

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 June 22, 1995 approved plans for the the above indicated air contamination source(s).

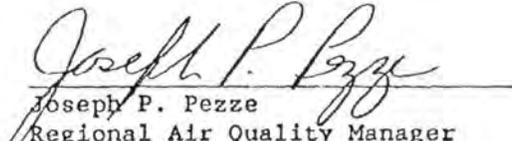
This PLAN APPROVAL expires

he 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 installation 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: BARBARA R. Hatch
Engineering Services
(412) 442-5226



 Joseph P. Pezze
 Regional Air Quality Manager
 Southwest Region

3. This Plan Approval indicates Departmental approval of the revised Reasonably Available Control Technology (RACT) proposal submitted by Consolidated Natural Gas (CNG) Transmission Corporation for the Rochester Mills natural gas transmission station located in North Mahoning Township, Indiana County, Pennsylvania.
4. RACT for the four Ingersoll Rand SVG-8AS engines shall be the implementation and maintenance of 4° retard relative to standard timing, and operation and maintenance of these engines in accordance with manufacturer's specifications. The sources shall also be operated and maintained in accordance with good air pollution control practices.
5. RACT for the BS&B 1982-82-700 dehydrator reboiler (0.18 mm BTU/hr) shall be installation, operation and maintenance of this source in accordance with manufacturer specifications per Pennsylvania Code, Title 25, Chapter 129.93(c)(1). The source shall also be operated and maintained in accordance with good air pollution control practices.
6. The 4° retard shall be implemented as expeditiously as practicable, but no later than May 31, 1996.
7. Emission limitations shall be established for sources at this facility as follows:

Emissions (pounds per hour/tons per year)

<u>Source</u>	<u>Rating</u>	<u>NOx</u>	<u>NMHC</u>
BS&B 1982-82-700 Dehydrator Reboiler	0.18 mm/BTU/hr	0.016/0.07	N/A
Four (4) Ingersoll Rand SVG-8AS Engines	440 HP	21.1/92.4	TBD

TBD = To be determined.

8. CNG shall track and record hours of operation, natural gas consumption rate, all maintenance and repair operations, and portable analyzer results for the sources at this station to comply with the recordkeeping requirements of Pennsylvania Code, Title 25, Chapter 129.95. These records shall be retained on site for at least 2 years, and be made available to the Department upon request.

CNG Transmission Corporation
Plan Approval #32-000-129

9. Stack testing using EPA methods shall be performed on the exhaust from the four Ingersoll Rand SVG-8AS engines to verify the emission rates of NO_x (as NO₂), CO, and NMHC during the ozone season (April through October) of 1995, and an average of every five years thereafter. Fuel consumption rate, engine operation parameters, and portable analyzer readings shall be recorded during the stack test. Test shall be conducted with engine running at full load.
10. Condition 9 stack testing shall be performed in accordance with Pennsylvania Code, Title 25, Chapter 139 and the Department's Source Testing Manual.
11. The company shall submit a pretest protocol for review at least 60 days prior to the performance of the EPA method stack tests specified in Condition 9.
12. The company shall also notify the Department at least two weeks prior to the stack tests specified in Condition 9 so that an observer may be present at the time of the test.
13. The company shall submit two copies of the stack test report to the Department within 60 days of the testing.
14. Stack testing using a portable analyzer shall be performed one time each year on the exhaust from each of the Ingersoll Rand engines. Stack testing using a portable analyzer shall be performed two times per year on the exhaust from Ingersoll Rand engines that operated for more than 750 hours during the previous ozone season. CNG shall submit a complete operating procedure for the portable analyzer (including calibration, QA/QC and emissions calculation methods) to the Department at least sixty (60) days prior to the EPA method stack test specified in Condition 9, above. Relative accuracy of the portable analyzer will be established by operation and recording of readings during the EPA stack test of Condition 9. Results from stack tests using portable analyzers shall be retained by CNG and be made available to the Department upon request.
15. The Department reserves the right to revise the emission limits established above based on actual emission rate.

