

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

RACT OPERATING PERMIT

In accordance with provisions of the Air Pollution Control 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 Protection, the Department hereby issues this permit for the operation of the air contamination source described below.

Permit No.: 30-000-077

Source: Internal Combustion Engines

Owner: Texas Eastern Transmission Corporation

Air:

Address: P.O. Box 1642  
Houston, TX 77251

Cleaning:  
Devices:

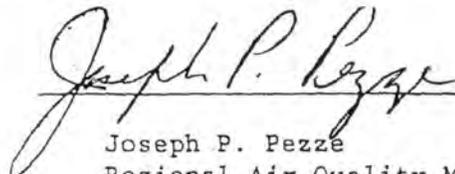
Attention: Charles E. Wait  
Senior Engineer

Plant: Holbrook Compressor Station  
Location: Richhill Township  
County: Greene

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) operated and maintained in a manner consistent with good operating and management practices.
- (2) This permit valid only for the specific equipment, location and owner named above.
- (3) See attached.

Issued: 01/03/97

  
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Joseph P. Pezze  
Regional Air Quality Manager  
Southwest Region

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 perating Permit: 30-000-077

## Special Conditions

0. The emission rate for the Solar Mars turbine shall be limited as follows:

| Emission                             | Annual Emissions (tpy) | lb/hr |
|--------------------------------------|------------------------|-------|
| NOx (42 ppmv at 15% O <sub>2</sub> ) | 85                     | 17    |
| NMVOG                                | 5                      | 1     |

1. The hours of operation per year of the plant sources shall be limited as follows:

| Unit                   | Hours of Operation per Year per Unit |
|------------------------|--------------------------------------|
| Ingersoll Rand KVS 412 | 7219                                 |

2.

3. minimum of one (1) stack test in accordance with 25 PA Code Ch139 and the Department Source Testing Manual shall be performed on all sources during the 5 year Operating Permit to verify the emission rates for NOx (as NO<sub>2</sub>), , and NMVOG. Testing shall be conducted while engines are operating at full load and full speed during the ozone season (April to October).
4. 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 NO<sub>2</sub>), and NMVOG through either an EPA Method stack test or through the use of portable analyzers.
5. All sources operating less than 750 hours during the preceding ozone season shall be stack tested annually to verify the rates of NOx (as NO<sub>2</sub>), and NMVOG through either an EPA Method stack test or through the use of portable analyzers.

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16. For those test utilizing portable analyzers, 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 12, 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 12. 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.
17. The company shall submit a pretest protocol for review at least 60 days prior to performance of the stack tests.
- 18.
- 19.
20. 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.
21. 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 a source: operating hours, daily fuel consumption, operating pressures, and operating temperatures. These records shall be maintained on a file for not less than two years and shall be made available to the Department upon request.

