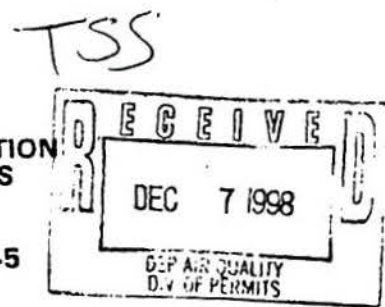


COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOUTHWEST REGION - FIELD OPERATIONS  
AIR QUALITY  
400 WATERFRONT DRIVE  
PITTSBURGH, PENNSYLVANIA 15222-4745



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(s) described below.

Permit No.:	03-000-180	Source :	IC Engines
Owner :	CNG Transmission Corporation	Air Cleaning Devices :	
Address :	625 Liberty Avenue Pittsburgh, PA 15222	Plant:	South Bend Station
Attention :	Sam Matthews Engineer	Location:	SouthBendTownship
		County:	Armstrong

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 plan approval issued under the same number;
  - (c) operated and maintained in a manner consistent with good operating and management practices.
2. This permit is valid only for the specific equipment, location and owner named above.
3. 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 Protection will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued: 12/02/98

Joseph P. Pezze  
Regional Air Quality Manager

**NG Transmission Corporation**  
**RACT Operating Permit No. 03-000-180**

**Special Conditions**

3. This RACT Operating Permit approves the Reasonably Available Control Technology (RACT) proposal submitted by Consolidated Natural Gas Transmission Corporation (CNGT) for the installation of low emission combustion technology on six (6) Clark HLA-8 internal combustion engines at the South Bend Compressor Station in South Bend Township, Armstrong County.
5. In accordance with 25 Pa. Code §127.441, emission limits for the six (6) Clark HLA-8 engines at this facility are as follows. Annual emission limits in "tons/yr" are based on 12-month rolling averages:

**ALLOWABLE EMISSION LIMITS**

<b>Pollutant</b>	<b>Full Load/Full Speed</b>	<b>All Other Conditions</b>
NOx	3.0 g/bhp-hr	26.46 lbs/hr; 115.9 tons/yr
CO	13.23 lbs/hr; 57.9 tons/yr	26.46 lbs/hr; 115.9 tons/yr
VOC	6.61 lbs/hr; 29.0 tons/yr	13.22 lbs/hr; 57.9 tons/yr

6. The following sources will implement presumptive RACT in accordance with 25 Pa. Code §129.93:

<b>Source</b>	<b>Rating</b>	<b>Applicable Presumptive RACT Emission Limitation</b>
(1) Caterpillar G3512 engine	814 bhp	25 Pa. Code §129.93(c)(5)
(1) Ingersoll Rand JVG-6 engine	110 bhp	25 Pa. Code §129.93(c)(3)
(1) PENNCO Boiler	2.4 mmbtu/hr	25 Pa. Code §129.93(c)(1)
(1) NATCO Dehydrator	2.14 mmbtu/hr	25 Pa. Code §129.93(c)(1)

The Ingersoll Rand JVG-6 engine shall be set and maintained at four degrees retarded relative to standard timing in accordance with 25 Pa. Code §129.93(c)(3). The Caterpillar G3512 engine shall be limited to a maximum of 500 hours of operation in consecutive 12-month period in accordance with 25 Pa. Code §129.93(c)(5).

7. Pursuant to Condition 6, the owner/operator shall operate and maintain these sources in accordance with good air pollution control practices in accordance with 25 Pa. Code §129.93.

**NG Transmission Corporation**  
**RACT Operating Permit No. 03-000-180**

**Special Conditions**

8. The following source will implement RACT in accordance with 25 Pa. Code §129.57:
  - (1) 10,000 gal Drip Gasoline Storage Tank.
9. A minimum of one (1) stack test in accordance with 25 Pa. Code Chapter 139 and the Department's Source Testing Manual shall be performed on each of the Clark HLA-8 engines during the five (5) year Operating Permit to verify the emission rates for NO<sub>x</sub> (as NO<sub>2</sub>), CO and NMVOC. Testing shall be conducted while the engines are operating at full load, full speed during the ozone season (April to October) in accordance with 25 Pa. Code §127.441.
10. Any of the six (6) Clark HLA-8 engines operating 750 hours or more during the preceding ozone season shall be stack tested semi-annually to verify the rates of NO<sub>x</sub> (as NO<sub>2</sub>), CO and NMVOC through either an EPA Method stack test or through the use of portable analyzers in accordance with 25 Pa. Code §127.441.
11. Any of the six (6) Clark HLA-8 engines operating less than 750 hours during the preceding ozone season shall be stack tested annually to verify the rates of NO<sub>x</sub> (as NO<sub>2</sub>), CO and NMVOC through either an EPA Method stack test or through the use of portable analyzers in accordance with 25 Pa. Code §127.441.
12. In accordance with 25 Pa. Code §127.441, the owner/operator shall submit a complete operating procedure including calibration, QA/QC and emissions calculation methods to the Department at least 60 days prior to the testing specified in Condition 9, above, for those tests utilizing portable analyzers. The accuracy of the portable analyzer readings shall be verified by operation and recording of readings during the EPA method stack testing of Condition 9. Results from stack tests using portable analyzers shall be retained by the owner/operator at the test location and provided annually with the emissions statements and at other times as requested by the Department.
13. The owner/operator shall submit a pretest protocol for review at least 60 days prior to performance of the stack tests in accordance with 25 Pa. Code §127.441.
14. The Department shall be notified at least two weeks in advance of the date and time of the stack test so that an observer may be present in accordance with 25 Pa. Code §127.441.
15. Two copies of the stack test results shall be supplied to the Department for review within sixty (60) days of completion of testing in accordance with 25 Pa. Code §127.441.

**ONG Transmission Corporation**  
**ACT Operating Permit No. 03-000-180**

**Special Conditions**

16. The owner/operator shall maintain records in accordance with the recordkeeping requirements of 25 Pa. Code §129.95. At a minimum, the following records shall be kept for each engine: operating hours, daily fuel consumption and all maintenance and repair operations performed on the equipment. These records shall be maintained on file at the facility for not less than two years and shall be made available to the Department upon request in accordance with 25 Pa. Code § 127.441.