

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY

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 Protection, the Department hereby issues this permit for the operation of the air contamination source(s) described below.

Permit No.:	<u>OP-53-0003</u>	Source &	<u>engines, heaters, etc., as</u>
Owner:	<u>CNG Transmission Corporation</u>	Air	<u>described herein</u>
		Cleaning	<u></u>
Address:	<u>445 West Main Street</u>	Device:	<u></u>
	<u>Clarksburg, WV 26301-2450</u>		<u></u>
Attn:	<u>Sean R. Sleigh</u>	Location:	<u>Greenlick Compressor Station</u>
			<u>Stewardson Township</u>
			<u>Potter County</u>

This permit is subject to the following conditions:


1. That the source(s) and any associated air cleaning device(s) 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 applicable plan approval(s) issued;
 - 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.

See attached for additional conditions.

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: DEC 17 1995

~~Expires: December 31, 2000~~



Environmental Program Manager

cc: Harrisburg
File
Mansfield Office

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3. This operating permit incorporates Reasonably Available Control Technology (RACT) determinations as required by Title I provisions of the Clean Air Act Amendments and 25 PA Code 129.91 through 129.95 for three 435 horsepower White Superior model #6-G-825 natural gas-fired reciprocating internal combustion engines, an 81 horsepower Ford model #CSG649 natural gas-fired reciprocating internal combustion engine, a 3.3 million BTU/hour Cleaver-Brooks model #CB-700-80 natural gas-fired boiler, seven NATCO natural gas-fired heaters (with respective heat output values of three units at 15,000,000 Btu/hour, one at 13,000,000 Btu/hour, two at 6,500,000 Btu/hour and one at 5,250,000 Btu/hour), three 10 million BTU/hour Sauder model #IH-1 natural gas-fired heaters, a wastewater storage tank, a natural gas-fired space heater, an emergency natural gas blowdown, engine/compressor transition vents and various fugitive emissions.
4. The expiration date shown in this operating permit is for state purposes. For Federal enforcement purposes the conditions of this operating permit which pertain to the implementation of the RACT regulations shall remain in effect as part of the State Implementation Plan (SIP) until replaced pursuant to 40 CFR 51 and approved by the U.S. Environmental Protection Agency (EPA). The operating permit shall become enforceable by the U.S. EPA upon its approval of the above as a revision to the SIP.
5. Pursuant to the presumptive RACT provisions of Section 129.93(c) of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the three 435 horsepower White Superior model #6-G-825 natural gas-fired reciprocating internal combustion engines shall be set and maintained at 4° retarded relative to standard timing. The engines shall be maintained and operated in accordance with the manufacturer's specifications. The sources shall also be operated and maintained in accordance with good air pollution control practices. This shall also constitute RACT for the volatile organic compound emissions from the respective compressor engines.
6. Completion of ignition retard and the implementation of RACT on the three White Superior model #6-G-825 engines shall proceed as expeditiously as practicable but shall not exceed one month beyond the date of operating permit issuance. This extension beyond the May 31, 1995 RACT compliance date specified in Section 129.91 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection is contingent upon compliance with the terms and conditions of compliance permit CP-53-0003A.
7. Pursuant to the RACT provisions of Sections 129.91-129.95 of Article III of the Rules and Regulations of the Department of Environmental Protection, the company shall maintain and operate the Ford model #CSG649 compressor engine in accordance with the manufacturer's specifications as well as in accordance with good air pollution control practices. This shall constitute RACT for both the nitrogen oxides and volatile organic compound emissions from the respective compressor engine.

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8. Pursuant to the presumptive RACT provisions of Sections 129.93(b)(2), (3), (4) and (5) of Article III of the Rules and Regulations of the Department of Environmental Protection, the company shall comply with the annual tune-up, maintenance, operating and recordkeeping requirements of the sections referenced herein with respect to the operation of the 3 NATCO heaters having heat output values of 15,000,000 Btu/hour and respective heat input values of 21,235,000 Btu/hour. The first annual tune-up shall be performed no later than 180 days following the issuance of this operating permit.
9. Pursuant to the presumptive RACT provisions of Section 129.93(c) of Article III of the Rules and Regulations of the Department of Environmental Protection, the Cleaver-Brooks boiler, four NATCO heaters (with respective heat outputs of one unit at 13,000,000 Btu/hour, two at 6,500,000 Btu/hour and one at 5,250,000 Btu/hour), three Sauder heaters and the natural gas-fired space heater identified in condition 3 herein shall be maintained and operated in accordance with the manufacturer's specifications. The sources shall also be operated and maintained in accordance with good air pollution control practices.
10. The potential to emit volatile organic compounds from each of the following source categories shall never exceed 3 pounds per hour, 15 pounds per day or 2.7 tons per year (as determined by the Department). Should any of these limitations ever be exceeded for any of the source categories listed below, a detailed RACT analysis which meets the criteria specified in Section 129.92 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection must be submitted to the Department for each source contained in the respective source category.
 - a. the wastewater storage tank,
 - b. the emergency natural gas blowdown and engine/compressor transition vents,
 - c. the Cleaver-Brooks boiler, seven NATCO heaters, three Sauder heaters and the space heater.
11. Pursuant to the RACT provisions of Sections 129.91-129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the VOC emissions from all fugitive sources at this facility shall never exceed 2.90 tons per year (as determined by the Department).
12. The company shall maintain records in accordance with the recordkeeping requirements of 25 PA Code Section 129.95 which, at a minimum, shall include:
 - The number of hours per calendar year that the three White Superior internal combustion engines and the Ford internal combustion engine are operating.

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- The amount of fuel used per calendar year in the three White Superior internal combustion engines and the Ford internal combustion engine.
- The number of hours per calendar year that each of the 3 NATCO heaters with heat outputs of 15,000,000 Btu/hour and heat inputs of 21,235,000 Btu/hour are operated.
- The number of hours per calendar year that the NATCO heater with a heat output of 5,250,000 Btu/hour and a heat input of 9,545,000 Btu/hour is operated.
- The total combined amount of fuel used per calendar year in the Cleaver-Brooks boiler, seven NATCO heaters, three Sauder heaters and the space heater.

These records shall be retained for a minimum of 2 years and shall be made available to the Department upon request. The Department reserves the right to expand the list contained in this condition as it may reasonably prescribe pursuant to the provisions of Section 4 of the Pennsylvania Air Pollution Control Act, Act of January 8, 1960, P.L. 2119 (1959), as amended, and as it may deem necessary to determine compliance with any condition contained herein or any applicable requirement specified in Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection.

13. All fuel burning sources identified in condition 3 herein shall only be fired on pipeline quality natural gas.

Conditions 14 through 20 herein pertain to sources previously permitted under operating permit 53-302-006.

14. This operating permit supersedes all previously issued operating permits and temporary operating permits bearing the number 53-302-006.
15. This operating permit is issued for the operation of three NATCO indirect fired gas heaters (each having a heat input value of 21,235,000 Btu/hour and respective heat output value of 15,000,000 Btu/hour), one NATCO regenerative salt bath heater (having a heat input value of 9,545,000 Btu/hour and respective heat output value of 5,250,000 Btu/hour) and one 10,000 gallon above ground distillate storage tank.
16. The three indirect fired gas heaters and the regenerative salt bath heater shall not be operated more than 7500 hours per year each.

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17. The 10,000 gallon distillate storage tank shall be equipped with a pressure vacuum valve which complies with the requirements of Section 129.57 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection and shall not be vented to the atmosphere other than through this valve (except during emergencies, repair situations and internal tank inspections).
18. The operation of the three indirect fired heaters, the regenerative salt bath heater and the distillate storage tank shall not at any time result in the emission of any air contaminant in excess of the emission rates specified in the application and supplemental materials submitted for plan approval #53-302-006 or in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in Article III of the Rules and Regulations of the Department of Environmental Protection.
19. The company shall maintain comprehensive accurate records of the number of hours of heater operation per year as well as the gallons of distillate removed from the distillate storage tank per year and shall make this information available to the Department upon request.
20. The three indirect fired gas heaters and the regenerative salt bath heater are subject to Subpart Dc of the Federal Standards of Performance for New Stationary Sources, 40 CFR 60.40c - 60.48c. The company shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance, including any recordkeeping and reporting requirements. Pursuant to 40 CFR 60.4 of the Standards of Performance, the submission of all requests, reports, applications, submittals and other communications required by the Standards of Performance must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The Environmental Protection Agency copies may be sent to:

Director
Air, Toxics and Radiation Division
U.S. EPA, Region III
841 Chestnut Street
Philadelphia, PA 19107
21. This operating permit is valid for a limited period of time and may be renewed before its expiration. Requests for an operating permit renewal must be in writing and must be accompanied by the appropriate permit application processing and annual permit administration fees as specified in Section 127.703 of the Rules and Regulations of the Department of Environmental Resources. These fees shall be paid in the form of a check payable to the "Commonwealth of Pennsylvania - Clean Air Fund". The request should be made using the appropriate application form and must be received by the Department along with a completed Air Pollution Control Act Compliance Review form no later than December 1, 2000.

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Additional annual operating permit administration fees may also be required pursuant to Section 127.703. If required, these fees are to be paid by no later than 12/31/96, 12/31/97, 12/31/98 and 12/31/99. The administration fee is to be submitted with an Annual Operating Permit Administration Fee Transmittal form.

All necessary forms can be obtained from the Department upon request.

22. Any notification required as a result of any condition herein should be directed to: Steven Schulte, Air Quality Specialist, 105 Sherwood Street, Mansfield, PA 16933, telephone (717) 662-4066.