

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
FIELD OPERATIONS - AIR QUALITY CONTROL

V-28

6

OPERATING PERMIT

accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, Act No. 2119, as amended, and after due consideration of an application received under Chapter 127 of the rules and regulations of the Department of Environmental Resources, the Department hereby issues this permit for the operation of the air contamination source(s) described below.

Permit No.	<u>OP-23-0007</u>	Source(s) Facility	<u>NOx RACT</u>
Owner	<u>EPC Power Corporation of Bethlehem</u>	Air	
Address	<u>57 South Commerce Way</u>	Cleaning	
	<u>Bethlehem, PA 18017</u>	Device	
Attention	<u>Mr. Dalton D. Larson</u>	Location	<u>15th and Upland Avenue</u>
	<u>Vice President</u>		<u>Upland Township</u>
			<u>Delaware County</u>

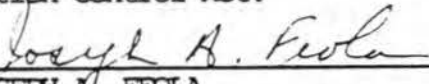
permit is subject to the following conditions:

1. That the source(s) 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 maintenance practices.
2. This permit is valid only for the specific equipment, location and owner named above.

(SEE THE ATTACHED ADDITIONAL CONDITIONS)

Failure to comply with the conditions placed on this permit is a violation of Section 127.25. Violation of this or any other provision of Article III of the rules and regulations of the Department of Environmental Resources will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued 06/08/95
Expires 06/08/2000


JOSEPH A. FEOLA
Air Pollution Control Manager

Central Office
Southeast Regional Office

Operating Permit Conditions
Permit No. OP-23-0007
EPC Power Corporation of Bethlehem

Conditions (continued):

- G. If the cylinder temperature exceeds 1150°F, automatic shutdown controls shall be activated to stop the engines.
 - H. Prior to restoring the engine(s) to continuous operation the problem of erratic cylinder misfire and high cylinder temperature shall be corrected.
 - I. The engines shall always be operated at a constant speed of 900 rpm.
6. The following conditions apply to engine No. 3 (lean burn engine).
- A. This engine shall burn only natural gas as the primary fuel and propane as the backup fuel.
 - B. This engine shall operate a maximum of 8322 hours per year.
 - C. The emissions of NOx shall be limited to 167 ppm, 3.72 lb/hr, 15.4 tons/yr, and the emissions of VOC shall be limited to 154 ppm, 1.19 lbs/hr, 5.0 tons/yr.
 - D. The oxygen level in the exhaust gas stream shall be monitored and maintained at 10.75%. Corrective measures shall be taken immediately if the oxygen level changes from 10.75%.
 - E. The Department may establish more restrictive RACT emission limits in the future based on the stack test required under the Plan Approval No. 23-329-002.
7. Recordkeeping and Reporting Requirements
- A. The owner and operator shall keep records to demonstrate compliance with conditions 5 and 6.
 - B. The owner and operator shall monitor and keep a record of the fuel usage for each source on daily basis.
 - C. The hours of operation of each of the engines shall be recorded in a log book with hours of operation attributed to each engine marked clearly.
 - D. Manufacturers specifications for maintenance and operation shall be kept and made available to the Department personnel to establish compliance.
 - E. Records of repair and maintenance shall be kept in a log book.
 - F. Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the above requirements.

Operating Permit Conditions
Permit No. OP-23-0007
EPC Power Corporation of Bethlehem

Conditions (continued):

- B. All stack testing requirements for engine No. 3 under Plan Approval No. 23-329-002 shall be completed by May 31, 1995.
- C. All proposed RACT monitoring and recordkeeping measures shall be fully implemented by May 31, 1995.

(23-1.KAL)/.1

