

Commonwealth of Pennsylvania
Department of Environmental Resources
Bureau of Air Quality Control

RACT APPROVAL

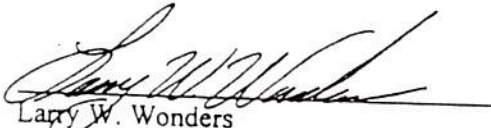
PERMIT NUMBER : OP 10-027

Owner:	Penreco	Source &	See pg 3
Address:	138 Petrolia Street	Air Cleaning	
	Karns City, PA 16041	Device	
Attention:	Mr. Darko Puz	Location:	Karns City
	Senior Environmental Engineer		Butler County

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 **MAY 31 1995** approved plans for achieving compliance by the above indicated air contamination source(s) with the requirements of 25 Pa Code Section 129.91 through 129.95.

The operating permit is subject to the following conditions:

1. The facility is to be operated in accordance with the plan submitted with the application as approved herein.
2. See attached.


Larry W. Wonders
Regional Air Quality Manager

3. Penreco shall implement the RACT Plan by May 31, 1995, as defined in 25 PA Code Section 129.91. The implementation schedule may be extended only upon the execution and approval of a Consent Decree between Penreco and the Department.

4. The facility shall comply with the following emission limits:

<u>Source</u>	<u>NOx limit</u>
boiler #1	0.1 #/MMBTU (nat gas)
	0.14 #/MMBTU (oil)
boiler #5	0.605 #/MMBTU
boiler #6	0.59 #/MMBTU

5. The boilers above shall be tested annually by the facility with a portable analyzer. The Department may require annual stack tests in accordance with EPA reference methods pending the submission of the results from the portable analyzer.
6. Any information required to be submitted as part of the above conditions should be submitted to Mr. Devendra Verma, Chief, Engineering Services, Air Quality Control, Northwest Regional Office, 230 Chestnut Street, Meadville, PA 16335.
7. This RACT approval applies to the emission of NOx and VOC pollutants only. Emission of other pollutants, including criteria pollutants, shall be governed by the existing Plan Approvals, Operating Permits, and applicable requirements and other Rules and Regulations of the Department which are incorporated herein by reference and made part of this permit.
8. The facility shall comply with the record-keeping requirements of 25 PA Code Section 129.95.
9. The annual capacity factor for the flares shall not exceed 5% (33 MMBTU/HR for the hydrotreater flare and 15 MMBTU/HR for the kerosene/naphtha flare).
10. The presumptive RACT sources shall be installed, maintained, and operated in accordance with the manufacturers specifications. The sources shall also be operated and maintained in accordance with good air pollution control practices.

Source	Control
boiler #1	annual tune-up and testing
boiler #5	annual tune-up and testing
boiler #6	annual tune-up and testing
Hydrotreater-Reformer Furnace	presumptive 129.93 (c)(1)
Hydrotreater-H1X Reactor Furnace	presumptive 129.93 (c)(1)
Hydrotreater-H2 Stripper Furnace	presumptive 129.93 (c)(1)
Hydrotreater-Flare	presumptive 129.93 (c)(5)
Kerosene Unit Furnace	presumptive 129.93 (c)(1)
Naptha Rerun Unit Furnace	presumptive 129.93 (c)(1)
Kerosene / Naptha Flare	presumptive 129.93 (c)(5)
No. 1 Retort	presumptive 129.93 (c)(1)
No. 2 Retort	presumptive 129.93 (c)(1)
Plant wide VOC Sources	refinery sources covered under 25 PA Code Sections 129.51-129.81

