

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

RACT APPROVAL

PERMIT NUMBER : OP 42-110

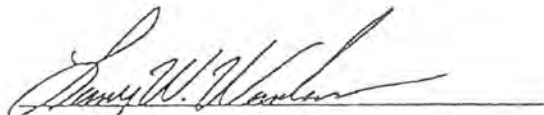
| | | | |
|------------|--|------------------------------------|-------------------------------|
| Owner: | Petrowax Refining An Astor Corp. Co. | Source & Air Cleaning Device | see page 3 |
| Address: | PO Box 3367 Smethport, PA 16749 | | |
| Attention: | Mr. Stephen L. Sherk Environmental Engineer | Location: | McKean Plant McKean 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 ~~MAR~~ : 4 1996 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. The facility shall implement the RACT plan by May 31, 1995.
3. See attached.

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Larry W. Wonders
Regional Air Quality Manager

3. Boiler #1, #2, #3, and #4 shall be monitored, tested, and maintained in optimum condition in accordance with the RACT Plan.
4. Boilers 2, 3, and 4 shall be tested annually with a portable analyzer for NO_x emissions in conjunction with the adjustment and maintenance of the boilers to insure optimum operating conditions. Records of the NO_x emissions shall be kept on hand by the facility for at least 2 years and forwarded to the Department upon request.

5. The NO_x emissions from the boilers shall not exceed the following:

| | | |
|-----------|---------------|-------------|
| boiler #1 | 1.03 #/MMBTU | 110.73 #/hr |
| boiler #2 | 1.03 #/MMBTU | 86.12 #/hr |
| boiler #3 | 0.684 #/MMBTU | 61.52 #/hr |
| boiler #4 | 0.407 #/MMBTU | 24.04 #/hr |

6. Boiler #1 is subject to 25 Pa Code Section 129.91(i). To show compliance with this condition, the facility shall be required to perform annual NO_x emission testing in accordance with the PADER Source Testing Manual. The results shall be reported annually to the Department.
7. The presumptive NO_x sources shall be maintained and operated in accordance with manufacturers specifications. The sources shall also be operated and maintained in accordance with good air pollution control practices.
8. VOC emissions from the storage tanks greater than 40,000 gallons capacity shall continue to be incinerated as RACT control.
9. The plant-wide fugitive VOCs shall continue to be controlled by the use of the LDAR program in accordance with 25 PA Code Section 129.58.
10. The facility shall comply with the record-keeping requirements of 25 PA Code Section 129.95.
11. This RACT approval applies to the emission of NO_x and VOC pollutants only. Emission of other pollutants shall be governed by the existing Plan Approvals, Operating Permits, and applicable Rules and Regulations of the Department. Such approval, permits, and requirements are incorporated herein by reference and made part of this permit.

| <u>Sources</u> | <u>Control</u> |
|---|--|
| Platformer Flare | presumptive |
| Crude Unit Flare | presumptive |
| Propane Deresiner Flare | presumptive |
| Resin Heater | presumptive |
| Crude Unit Vacuum Heater | presumptive |
| Rerun Unit Charge Heater | presumptive |
| #2 Earth Burner | presumptive |
| Extract Heater | shut down in 1991 |
| Raffinate Heater | shut down in 1991 |
| Unifiner Charge Heater | shut down in 1991 |
| Splitter Reboiler Heater | shut down in 1991 |
| Platformer Heater | shut down in 1991 |
| Boiler #1 | |
| Boiler #2 | |
| Boiler #3 | |
| Boiler #4 | |
| Storage tanks >40,000 gal capacity | connected to crude unit flare & platformer flare |
| tank #38, #83, #81, #9, and misc. sources | removed from service in 1991 |
| plant-wide fugitive VOCs | LDAR in progress |

