

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



**RACT APPROVAL**

PERMIT NUMBER : OP 24-012

Owner:	The Carbide/Graphite Group, Inc	Source&	See
Address:	800 Theresia Street	Air Cleaning	attached
	St. Marys, PA 15857	Device	Page 3
Attention:	Peter E. Youngnans	Location:	800 Theresia
	VP, General Manager		Street
			St. Marys, Elk
			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 12 1995** approved plans for achieving compliance by the above indicated air contamination source(s) with the requirements of 25 Pa Code Sections 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.

Larry W. Wonders  
Regional Air Quality Manager  
Northwest Regional Office

4. The following sources shall comply with Presumptive RACT emission limitations defined in 25 Pa Code Section 129.93(c)(4), and shall be operated in such a manner as not to cause air pollution:
- Baking Kiln Flame Grids
  - Double Deck Carbon Baking Kiln Flame Grids
  - Saggur Baking Furnaces Catalytic Thermal Oxidizer
  - Mass Bake Furnaces Catalytic Thermal Oxidizer
5. The facility shall monitor and record the use of solvents in each operation, and maintain records of total parts processed, in lbs of product, for each source. Records shall be maintained in accordance with 25 Pa Code Section 129.95, and made available to the Department upon request.
6. This RACT approval applies to the emission of NO<sub>x</sub> and VOC pollutants only. Emission of other pollutants, including criteria pollutants, shall be governed by the existing Plan Approvals, Operating Permits, any applicable requirements and other Rules and Regulations of the Department. Such approval permits, and requirements are incorporated herein by reference and made part of this permit.

#### RACT Source, Emission Limit & Air Pollution Control Device Listing

Source	RACT VOC Emission Limit	RACT Control Device
(40) Double Deck Baking Kilns (North American Mfg. Co.)	5.39 lbs/ton	Flame Grid (North American Mfg. Co.)
Pitch Impregnation (Pre-heaters & Struthers Hot Oil)	N/A	
(8) Mass Bake Furnaces	7.95 lbs/ton	Catalytic Thermal Oxidizer (Universal Oil Products)
(12) Saggur Baking Furnaces (Carbide Graphite)	7.62 lbs/ton	Catalytic Thermal Oxidizer (Universal Oil Products)
(10) Car Bottom Baking Furnaces (Salem)	1.49 lbs/ton	(2) Incinerators (North American Mfg. Co.)
Graphitizer Acheson (Carbide/Graphite)	8.49 lbs/ton	
Graphitizer Longitudinal (Carbide/Graphite)	24.49 lbs/ton	
Parts Cleaning	10.14 TPY	