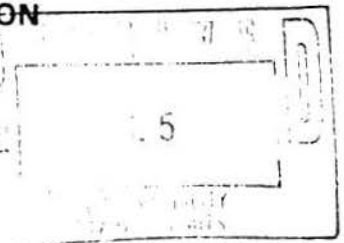


COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST REGION - FIELD OPERATIONS
AIR QUALITY
400 WATERFRONT DRIVE
PITTSBURGH, PENNSYLVANIA 15222-4745



OPERATING PERMIT

In accordance with provisions of the Air Pollution Control 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.: 65-000-853

Source : RACT

Owner : Koppers

Air
Cleaning
Devices :

Address : 436 Seventh Avenue
Pittsburgh, PA 15219

Attention : Nathan J. Prepelka
Environmental Programs Manager

Plant: Monessen Coke Plant
Location: Monessen
County: Westmoreland

This permit is subject to the following conditions.

1. That the source 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 management practices.
2. This permit is valid only for the specific equipment, location and owner named above.
3. See attached:

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: 03/20/98



Joseph P. Pezze
Regional Air Quality Manager

~~PERMIT TERM: 3/20/98 - 3/20/03~~

Special Conditions

3. This operating permit is for the NO_x and VOC sources at the Monessen Coke Works and imposes the following conditions to meet the RACT provisions of 25 Pa. Code Chapter 129.
4. In accordance with 25 Pa. Code 127.444 all sources and air cleaning devices shall be operated and maintained in accordance with good air pollution control practices.
5. Pursuant to 25 Pa. Code 127.441 all sources and air cleaning devices shall be operated and maintained in accordance with the manufacturer's specifications, guidelines and procedures.
6. Pursuant to 25 Pa. Code 127.441, the potential to emit NO_x for each of the listed sources in any 12 consecutive month period is established as follows based on 541,000 tons coal charged per year:

<u>Source</u>	<u>TPY</u>	<u>lb/hr</u>
Coke Battery Underfire		
Battery 1B	286 (358,000 TPY)	60.7
Battery 2	246 (184,000 TPY)	55.4
Flare	31.7	
Coke Pushing	4.8	7.8
Coke Quenching	0.0	
Coal Charging	0.7	
Boilers	112.1	

7. Pursuant to 25 Pa. Code 127.441, the potential to emit VOC for each of the listed sources in any 12 consecutive month period is established as follows based on 541,000 tons coal charged per year:

<u>Source</u>	<u>TPY</u>	<u>lb/hr</u>
Coke Battery Underfire		
Battery 1B	1.0	0.3
Battery 2	1.9	0.5
Flare	27.6	
Boilers	2.7	
Coal Charging	36.2	
Coke Pushing	0.6	1.1
Coke Quenching	5.4	
Miscellaneous Sources	0.5	
Fugitives	8.14	
Coke By-Products Plant	35.2	

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8. The owner/operator of this source shall verify compliance with the limits in Condition Nos. 6 and 7 for the coke battery underfire and coke pushing emissions through annual stack testing before the anniversary date of this operating permit. [P.L. 2119, No. 787, Sec. 4, Para (6).]
 9. Pursuant to 25 Pa. Code 139.2 all stack testing shall be performed in accordance with 25 Pa. Code, Chapter 139 regulations and the Department's Source Testing Manual.
 10. A pre-test protocol shall be submitted to the Department at least 60 days in advance of scheduled testing for review. [25 Pa. Code, 139.2]
 11. The owner/operator shall notify the Department of the date and time of the test at least two weeks in advance of the performance test so that an observer may be present. [25 Pa. Code 139.2]
 12. Two copies of the stack test results shall be submitted to the Department within 60 days of completion of testing. [P.L. 2119, No. 787, Sec. 4, Para (6).]
 13. Emission reductions of the targeted contaminants below the level specified in this approval which are achieved by optimizing the effectiveness of equipment are not surplus emission reductions, and shall not be used to generate emission reduction credits. In order for the emission reductions to be creditable, the emission reductions must satisfy the requirements of 25 Pa. Code Chapter 127, Subchapter E.
 14. In accordance with 25 Pa. Code 129.95, the owner and operator of this facility shall keep records to demonstrate compliance with the limits specified in this permit. The record shall provide sufficient data and calculations to clearly demonstrate compliance with the requirements of this RACT approval. Data and information required to determine compliance shall be recorded and maintained in a time frame consistent with averaging periods to verify compliance. These records shall be retained for at least two years and made available to the Department upon request.
 15. The expiration date shown on the Operating Permit is for state purposes. For federal enforcement purposes, the RACT provisions of this operating permit 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).

