

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.: 63-000-066

Source : Boiler #2 Combination Natural

Owner : Wheeling-Pittsburgh Steel Corporation

Air Gas/Oil Fired Boiler

Address : 1 Wheeling Pittsburgh Steel Drive  
Allenport, PA 15412

Cleaning  
Devices :

Attention : Patrick J. Smith  
Environmental Control Coordina

Plant: Allenport Plant  
Location: Allenport Borough  
County: Washington

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.

Reissued: 02/08/99

  
Joseph P. Pezze  
Regional Air Quality Manager

~~PERMIT TERM: 11/13/96 - 11/13/01~~

Wheeling-Pittsburgh Steel Corporation  
Operating Permit #63-000-066

Special Conditions

3. This Operating Permit applies to the operation of two combination natural gas/oil fired boilers rated at 60.5 MMBTU/HR retrofitted with Low-NOx Burners/Flue Gas Recirculation and the application of presumptive RACT for the 104 ancillary sources by Wheeling Pittsburgh Steel Corporation at their Allenport plant located in Allenport Borough, Washington County.
4. The two combination natural gas/oil fired boilers rated at 60.5 MMBTU/HR are subject to New Source Performance Standards (NSPS) for Industrial-Commercial-Institutional Steam Generating Units (40 CFR, Part 60, Subpart Dc). In accordance with 40 CFR 60.4, copies of all requests, reports, applications, submittals, and other communications shall be forwarded to both the EPA and the Department at the addresses below unless otherwise noted.

Director  
Air Toxins and Radiation  
US EPA, Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

PADEP  
Office of Air Quality Control  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745

5. The sources subject to this permit shall not emit fugitive emissions in accordance with 25 PA Code 123.1.
6. The company shall maintain records in accordance with the recordkeeping requirements of 25 PA Code Section 129.95. At a minimum, the following records shall be kept at the facility: monthly diesel consumption, monthly natural gas consumption, and material throughput. These records shall be maintained on file for not less than two years and shall be made available to the Department upon request.
7. Fuel oil sulfur content shall not exceed 0.5% by weight, or as an alternative, 0.5 lb/million BTU heat input.

Wheeling-Pittsburgh Steel Corporation  
Operating Permit #63-000-066

## Special Conditions

8. Emissions from each boiler shall be limited as follows:

	<u>Natural Gas</u>	
	<u>lb/hr</u>	<u>tpy</u>
NOx	2.0	8.7
CO	4.24	18.6

	<u>Diesel</u>	
	<u>lb/hr</u>	<u>tpy</u>
NOx	6.7	29.4
CO	4.8	21

9. The Department reserves the right to revise the emission limits established above based on actual emission rates.
10. For one of the two (2) 60.5 MMBTU/HR boilers, if operated over 750 hours annually (combined), a minimum of one (1) stack test in accordance with 25 PA CH139 and the Department Source Testing Manual shall be performed at the maximum normal operating condition during the 5 year Operating Permit to verify the emission rate for NOx (as NO2).

One of the two (2) 60.5 MMBTU/HR boilers, if operated over 750 hours annually (combined) shall also be stack tested annually at the normal operating condition and at the fuel condition used for the majority of the time during the past 12 months (either natural gas or diesel fuel) to verify the emission rate for NOx (as NO2) either through an EPA Method stack test or through the use of portable monitors.

Because the two (2) Johnston Boilers are identical, testing requirements for the standby boiler (at the time of testing) shall be waived.



Wheeling-Pittsburgh Steel Corporation  
Operating Permit #63-000-066

Special Conditions

11. For those tests utilizing portable analyzers, the company shall submit a complete operating procedure including calibration, QA/QC, and emission calculation methods to the Department at least 60 days prior to the stack test specified in Condition 8, above. The accuracy of the portable analyzer readings shall be verified by operation and recording of readings during the EPA method stack tests using portable analyzers shall be retained by the company at the test location and provided annually with the emission statement and at other times as requested by the Department.
12. Wheeling Pittsburgh shall submit a pretest protocol for review at least 60 days prior performance of the stack tests.
13. Wheeling Pittsburgh shall notify the Department at least two weeks prior to the stack tests so an observer may be present at the time of the tests.
14. Wheeling Pittsburgh shall submit a stack test report to the Department within 60 days of testing.
15. Emission reductions of the targeted contaminant(s) below the level specified in this Approval which are achieved by optimizing the effectiveness of equipment installed pursuant to this Operating Permit are not surplus emission reductions, and thus, may 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.
16. The Department may require additional controls based on evaluation of the operation after start-up.

Wheeling-Pittsburgh Steel Corporation  
Operating Permit #63-000-066

Special Conditions

17. This Operating Permit is valid for a limited time only and may be renewed pursuant to 25 PA Code Section 127.446 before its expiration. An application for an operating permit renewal shall be submitted at least 6 and not more than 18 months before expiration of the existing permit. The application must be complete and accompanied by the permit fees required by Subchapter I of 25 PA Code Chapter 127. The source may not be operated without a valid operating permit. Operation of the source without an appropriate permit from the Department may subject the company to enforcement action.

