

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

MAR 21 1999

RACT 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.: 63-000-027

Source :

Owner : Jessop Steel Company

Air  
Cleaning  
Devices :

Address : 100 River Road  
Brackenridge, PA 15014

Plant: Washington Plant  
Location: Washington City  
County: Washington

Attention : Richard S. Klugh  
Environmental Affairs Director

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: 03/26/99

  
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Joseph P. Pezze  
Regional Air Quality Manager

~~PERMIT TERM: 3/26/99 - 3/26/04~~

Allegheny Ludlum Corp.  
 Jessop Steel Company  
 Washington Plant  
 RACT Operating Permit No. 63 - 000 - 027

## Special Conditions

3. This RACT Operating Permit is for the approval of the RACT Plan submitted by Allegheny Ludlum Corp. for the continued operation of the Washington Facility, including the electric arc furnaces, mill heating, reheat and annealing furnaces.
4. The facility is to be operated in accordance with the RACT plan submitted as approved herein.
5. Facility wide NOx emissions shall not exceed 191.6 tons/yr combined total, in any 12 month consecutive period as follows:

<u>Source</u>	<u>TPY</u>
(8) - 110" Mill Heating Furnaces	95.3
(14) - Annealing Furnaces 42.2	
400" D.W. Annealing Furnace	23.1
400" S.W. Annealing Furnace	15.4
Batch Pickling 3.0	
(3) Electric Arc Furnaces	10.7
(2) Ladle Heat Stations	1.9

6. Facility wide VOC emissions shall not exceed 4.5 tons/yr combined total, in any 12 month consecutive period as follows:

<u>Source</u>	<u>TPY</u>
8 - 110" Mill Heating Furnaces	1.7
14 - Annealing Furnaces 1.8	
400" D.W. Annealing Furnace	0.5
400" S.W. Annealing Furnace	0.4
(2) Ladle Heat Stations 0.1	

Allegheny Ludlum Corp.  
Jessop Steel Company  
Washington Facility  
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7. Allegheny Ludlum Corp. shall maintain and operate the fourteen (14) Annealing Furnaces subject to 25 Pa Code Ch.129.93 (c)(1) within manufacturers specifications.
8. Allegheny Ludlum Corp. shall maintain and operate the seven (7) 110" Mill Heating Furnaces and one (1) 110" Reheat Furnace subject to 25 Pa Code Ch.129.93 (c)(1) within manufacturers specifications.
9. Allegheny Ludlum Corp. shall maintain and operate the two (2) 400" Annealing Furnaces subject to 25 Pa Code Ch.129.92 within manufacturers specifications and in a manner consistent with good operating procedures.
10. Allegheny Ludlum Corp. shall maintain records in accordance with the recordkeeping requirements of 25 Pa Code Ch. 129.95. The records shall provide sufficient data and calculations to clearly demonstrate that the requirements of 25 Pa Code Ch. 129.91-94 are met and to verify compliance with 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 2 years and shall be made available to the Department upon request.
- ~~11. This RACT approval applies to the emissions of NOx and VOC pollutants only. Emissions of other pollutants, including criteria pollutants, shall be governed by existing Plan Approvals, Operating Permits and the applicable requirements of the Rules and Regulations of the Department. Such approval, permits and requirements are incorporated herein by reference and made part of this permit.~~

Allegheny Ludlum Corp.  
Jessop Steel Company  
Washington Facility  
RACT Operating Permit No. 63 - 000 - 027

SPECIAL CONDITIONS

- ~~12. 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).~~
- ~~13. Emission reductions of the targeted contaminants 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, emission reductions must satisfy the requirements of 25 PA Code Ch. 127, Subchapter E.~~
- ~~14. This Operating Permit is valid for a limited time only and may be renewed pursuant to 25 PA Code Ch. 127.466 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.~~