

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

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.:	63-000-080	Source :	NOx Sources
Owner :	Lukens Steel Corporation	Air Cleaning Devices :	
Address :	P.O. Box 494 Washington, PA 15301	Plant:	Houston Plant
Attention :	Richard B. Hoyt Manager Environmental Engineer	Location:	Houston 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.

Issued: 02/22/99



Joseph P. Pezze
Regional Air Quality Manager

~~PERMIT TERM: 2/22/99 - 2/22/04~~

Lukens Inc.
Houston Plant - Fitch Works
RACT Operating Permit No. 63 - 000 - 080

Special Conditions

3. This RACT Operating Permit is for the approval of the RACT Plan submitted by Lukens Inc. for the continued operation of the Houston Facility, including two electric arc furnaces, AOD vessel and various natural gas-fired combustion sources.
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 136 tons/yr combined total, in any 12 month consecutive period.
6. NOx emissions from these sources shall not exceed the following, in any 12 month consecutive period;

<u>Source</u>	<u>TPY</u>	<u>lb/hr</u>
(2) - Electric Arc Furnaces	51	13
AOD Vessel	44	10
(2) - Recoil Furnaces	25	5.6

7. Lukens, Inc. shall maintain and operate the three annealing furnaces, three ladle preheaters and tundish preheater subject to 25 Pa Code Ch.129.93 (c)(1) within manufacturers specifications.
8. Lukens, Inc. shall perform an annual adjustment or tuneup on the hot strip mill recoil furnaces subject to 25 Pa Code Ch.129.93 (b)(2).
9. Lukens, Inc. shall maintain and operate the two EAF's and the AOD subject to 25 Pa Code Ch.129.92 within manufacturers specifications and in a manner consistent with good operating procedures.
10. Lukens, Inc. shall maintain records of total steel production, calculated per month, for each calendar year.
11. Lukens, Inc. shall maintain records of natural gas usage by the two recoil furnaces, calculated per month, for each calendar year.

Lukens, Inc.
Houston Facility - Fitch Works
RACT Operating Permit No. 63 - 000 - 080

Special Conditions

12. Lukens, Inc. 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 5 years and shall be made available to the Department upon request.
- ~~13. This RACT approval applies to the emissions of NOx 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.~~
- ~~14. 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).~~
- ~~15. 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.~~
- ~~16. 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.~~

