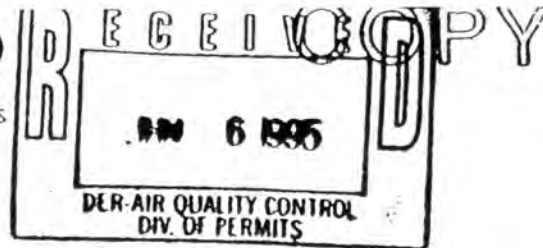


COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
SOUTHCENTRAL REGION - FIELD OPERATIONS
AIR QUALITY CONTROL PROGRAM



OPERATING PERMIT

In accordance with provisions of the Air Pollution Control Act, the 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 Resources, the Department hereby issues this permit for the operation of the air contamination source described below.

Permit No: 22-2007 Source & Air
Cleaning Device: Harrisburg Materials, Energy,
Recycling and Recovery facility
Owner: The Harrisburg Authority
One Keystone Plaza, Suite 104
Address: Front and Market Streets
(See Attached)
Harrisburg, PA 17101
Attention: Mr. Thomas J. Mealy Location: 1670 South 19th Street
Executive Director City of Harrisburg
Dauphin County

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 Reasonably Available Control Technology (RACT) plan;
 - c. operated and maintained in a manner consistent with good operating and maintenance practices.
2. This permit is valid only for the specific equipment, location and owner named above.

Issued: JUN 2 1995

Program Manager

Southcentral Region 22-2007
EPA, Region III
Permits

PERMIT NO. 22-2007

THE HARRISBURG AUTHORITY

HARRISBURG MATERIALS, ENERGY, RECYCLING AND RECOVERY FACILITYSource, Continued

The Harrisburg Materials, Energy, Recycling and Recovery Facility (MERRF) consists of two identical independent mass burn refuse combustion/steam generation units referred to as Units 1 and 2. Each unit consists of an International Boiler Works boiler with a Martin reciprocating grate.

Conditions, Continued

4. This Operating Permit is for the incorporation of the Department's NO_x Reasonably Available Control Technology (RACT) requirements (25 Pa. Code, §§129.91 through 129.95) for the Harrisburg MERRF.

6. Each IBW/Martin municipal waste combustor is subject to an NO_x emission standard of 300 ppm_{dv} corrected to 7% O₂.
7. The emission limit listed in Condition 6 applies at all times when municipal waste is being combusted except during those periods of startup or shutdown. The time period allotted for startup and shutdown shall not exceed three hours per occurrence. For purposes of this Operating Permit, definitions for startup and shutdown are as follows:

Startup commences with the introduction of municipal waste into the empty combustor.

Shutdown commences with the cessation of charging of the combustor with municipal waste for the express purpose of shutting down the combustor.
8. Verification of the NO_x emission standard listed in Condition 6 shall be conducted annually utilizing methodology outlined in 25 Pa. Code, Chapter 139 and the Department's Source Testing Manual or by other means approved by the Department. The testing program shall occur during the time period of May 1 through October 31 for each year authorized by the Operating Permit.

OPERATING PERMIT

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PERMIT NO. 22-2007

THE HARRISBURG AUTHORITY

HARRISBURG MATERIALS, ENERGY, RECYCLING AND RECOVERY FACILITY

9. At least 60 days prior to the initial testing program, two copies of the testing procedure shall be submitted to the Program Manager.
10. At least two weeks prior to the testing program, the Program Manager shall be informed of the date and time of the tests.
11. Within 60 days after completion of the testing programs, two copies of the test reports, including all operating conditions, shall be submitted to the Program Manager. Test results shall be reported as follows:
 - a. ppmdv
 - b. ppmdv corrected to 7% O₂
 - c. lb/hr
 - d. lb/ton of municipal waste combusted
12. The Harrisburg Authority shall accept for disposal no more than 630 tons per day (based on the average daily volume calculated over each calendar quarter) of municipal waste. For purposes of this condition, disposal is defined as waste which is incinerated and does not include waste which is removed and recycled.
13. The facility director, operations supervisor and all shift supervisors shall obtain and keep current either an ASME provisional or operator certification.
14. Neither municipal waste combustor unit shall be allowed to be operated without either a provisional or an operator certified individual on-site.
15. The two municipal waste combustor units shall be operated and maintained in accordance with good air pollution prevention practices or control practices.
16. The Harrisburg Authority shall maintain records in accordance with 25 Pa. Code, §129.95 requirements.
17. Monthly reports containing, but not limited to, the following information for each municipal waste combustor unit shall be submitted to the Harrisburg District Supervisor:
 - a. the tons of municipal waste combusted
 - b. the hours of operation
 - c. a summary of maintenance performed
 - d. a summary of both forced and planned outages

Each report is due no later than twenty-one (21) days after the end of each month.

