

RACT
PLAN APPROVAL

Facility: The Philadelphian Condominium Building

PLID: 6512

Address: 2401 Pennsylvania Ave.
Philadelphia, PA 19130

Owner: The Philadelphian Condominium Building

Attention: Ben J. Mescher, EPC Power Corp.

Source(s): Cogeneration Cooper Superior Model dual fuel reciprocating engine

In accordance with provisions of the Pennsylvania Code, Title 25, Chapter 129.91 thru 129.95, Air Management Services (AMS) has approved the RACT proposal plans for The Philadelphian Condominium Building on the above indicated air contamination source(s).

The RACT plan approval is subject to the following conditions:

1. The purpose of this Plan Approval is to establish Nitrogen Oxides (NOx) Reasonably Available Control Technology (RACT) for The Philadelphian Condominium Building. This includes the following emission sources and control equipment:
 - A. Emission Sources
 - (1) Cooper Superior dual fuel reciprocating engine rated at 2200 hp.
2. This approval authorizes:
 - A. The Cooper Superior dual fuel reciprocating engine shall utilize injection timing retard.
3. Stack Emission Limitations
 - A. The maximum air contaminant emissions from these sources, controlled by the equipment above shall be limited at stack outlet to:
 - (1) Nitrogen Oxides (NOx):

Cooper Superior dual fuel reciprocating engine: 4.1 gr/bhph and 69 tons per year.
4. RACT Implementation Schedule
 - A. Upon issuance of this approval, The Philadelphian Condominium Building shall begin immediate implementation of the measures necessary to comply with the approved RACT proposal.
5. Recordkeeping and Reporting Requirements
 - A. The Philadelphian Condominium Building shall maintain a file containing all the records and other data that are required to be collected to demonstrate compliance with NOx RACT requirements of 25 PA Code §129.91-129.94.
 - B. The records shall provide sufficient data and calculations to clearly demonstrate that the requirements of §129.91-129.94 are met.
 - C. Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.
 - D. Records shall be retained for at least two years and shall be made available to AMS on request.

6. The operation of the aforementioned sources shall not at any time result in the emission of visible air contaminants in excess of the limitations specified in Section 123.41, particulate matter in excess of the limitations specified in Section 123.11 or sulfur oxides in excess of the limitations specified in Section 123.22, all Sections of Chapter 123 of Article III of the Rules and Regulations of the Pennsylvania Department of Environmental Resources, or in the emission of any of these or any other type of air contaminant in excess of the limitations specified in, or established pursuant to, any other applicable rule or regulation contained in Article III.

7. The company shall not impose conditions upon or otherwise restrict the AMS access to the aforementioned source(s) and/or any associated air cleaning device(s) and shall allow AMS to have access at any time to said source(s) and associated air cleaning device(s) with such measuring and recording equipment, including equipment recording visual observations, as AMS deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act.

8. Revisions to any emission limitations incorporated in this RACT Approval will require resubmission as revision to the PA State Implementation Plan. The applicant shall bear the cost of public hearing and notification required for EPA approval as stipulated in 25 PA Code §129.91(h).