



**THE CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Bureau of Environmental Compliance
59-17 Junction Boulevard, 9th Floor, Flushing, New York 11373
Records Control (718) 595-3855

Professional Engineer Certification for online CATS filing

Premises Address:

As a licensed Professional Engineer / Registered Architect in the State of New York and acting as a designated agent for the applicant, I hereby certify that the application plans and drawings are complete and fully comply with New York City Air Pollution Control Code and Air Engineering Criteria.

All equipment and apparatus in addition to complying with the NYC DEP also meet the requirements of other federal, state and local agencies including but not limited to the US EPA, NYS Dept. of Environmental Conservation, NYS Department of Labor Board of Standards and Appeals, Fire Department of NY, NYC Department of Buildings and all applicable Safety Standards.

I also certify under penalty of law that I have personally examined and am familiar with the statements and information submitted along with this filing and the installation have been designed to meet all the Engineering Criteria requirements including the following specifications under §2-08, §2-11 and §2-13:

- Boiler/burner is designed to meet the emissions criteria with a maximum stack loss of 17% for fuel oil and 20% for natural gas (minimum combustion efficiency of 83% for oil and 80% for natural gas).
- Burner firing rate is sized 80 -110 % of the maximum heat input rating of the boiler.
- Installation is designed with adequate fresh air requirement to provide a sufficient amount of air for proper combustion, proper operation of a barometric damper, and adequate ventilation in the room.
- Barometric dampers or power operated draft regulators are installed as per § 2-11 (e)
- Smoke alarm is provided for oil fired boilers with burner oil delivery rate of 20.00 GPH or greater.
- The chimney is equipped with clean out chamber.
- The burner is designed to be electrically interlocked with any motorized louver(s), motorized dampers(s) mechanical ventilation fan, induced draft fans and forced draft fan.
- Access ports are provided in the breeching and ventilation ducts, as required.
- No sensible receptor is within the minimum radial distances upon chimney diameter.
- Professional Engineer must design the heating system so that adequate reserve draft is provided.

PLACE SEAL ABOVE

Print Name:

Signature:

Date:
