



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 16-05-E Vol. 3

Manufacturer: Triangle Tube, Freeway Center, 1 Triangle Lane, Blackwood, NJ 08012

Trade Name(s): Triangle Tube / Phase III

Product: Wall-hung, gas-fired, hot water condensing boilers

Pertinent Code Section(s): 27-800, 27-824, 27-826, 27-886, RS 14-2 (ANSI Z223.1).

Prescribed Test(s): RS 14-6 (ANSI Z21.13).

Laboratory: ITS / ETL Testing Laboratories

Test Report(s): ETL file 3059055 – dated July 25, 2007
ETL file 3128592 – dated September 25, 2007

Description: Wall hung gas-fired hot water condensing boiler. The boiler is comprised of a modulating boiler, stainless steel burners, stain less steel exchanger assembly, direct vent ignition system, sealed combustion chamber, and low water cut off. Units with model numbers and inputs are listed below:

SOLO110: Max input 110,000 BTUH, Min input 30,000 BTUH
SOLO175: Max input 170,000 BTUH, Min input 50,000 BTUH
SOLO250: Max input 245,000 BTUH, Min input 65,000 BTUH
SOLO399: Max input 399,000 BTUH, Min input 112,000 BTUH
Excellence 110: Max input 110,000 BTUH, Min input 30,000 BTUH

Note:

Units may be direct-vented and for use with PVC, PVC-DWV, CPVC, ABS-DWV, and AC29-4C venting material. Maximum allowable equivalent vent length is 120 feet two pipe or 60 feet single pipe. Minimum allowable equivalent vent length is 5 feet two pipe or single pipe.

Terms and Conditions- The above-described gas fired, hot water boilers are accepted for use under the following conditions:

1. Boilers are to be constructed in accordance with the ASME Code, per RS 14-4.
2. Units shall be installed as per clearances to combustibles construction in accordance with RS 14-15 of the New York City Building Code.
3. Units shall be fired with natural gas only.
4. Approved gas vent shall be in accordance with Subchapter 15 of the New York City Building Code and Section 27-886.
5. This acceptance in no way includes the external piping, connections and appurtenances thereto, which are required to fully conform to applicable provisions of the law, but have been tested in conjunction with this application.
6. Approval of all electrical equipment, apparatus, materials, and devices shall be obtained from the Department's Electrical Advisory Board before installation.
7. Units shall be constructed and used in compliance with the Energy Conservation Construction Code of New York State.
8. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the New York City Building Code.

Note: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance January 17, 2008

Examined By Simon Derkshon