



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

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 4-80-E Vol. 3

Manufacturer: Burnham Commercial, P.O. Box 3939, Lancaster, PA 17604

Trade Name(s): Burnham Commercial

Product: Gas-fired hot water boilers

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

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

Laboratory: Intertek, ETL Semko Division

Test Report(s): File No. J99021003-005, dated June 16, 2005.

Description: Gas-fired, sectional hot water boiler assemblies, series 8H, as tabulated below. Each unit is comprised of an aluminized steel main burner, cast-iron heat exchanger and a gas-pressure regulator. Units are provided either with pilot burners and thermocouple assembly or an intermittent electronic ignition system. Controls include hot water temperature-limiting device with 240 degree Fahrenheit setting, low water cut-off and ASME pressure-relief valve. Series 8H is available as a package unit with vent damper assembly and intermittent electronic ignition system. Full scale operational tests for safety were performed with the boiler to include automatic vent damper assembly. Units, with model number and input ratings, are listed below:

Series 8H Model No.	Input Rating (BTUH)
805H	252,000
806H	315,000
807H	374,000
808H	433,000
809H	491,000
810H	550,000

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

1. Boilers shall be constructed in accordance with RS 14-4 (ASME Code).
2. Boilers may be installed on non-combustible flooring. Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of the New York City Building Code.
3. Boilers shall be fired by natural gas only.
4. Boilers shall be connected to compatible approved gas vent or chimney in accordance with Subchapter 15 of the New York City Building Code.
5. This acceptance in no way includes the external piping, connections and appurtenances thereto, which have been tested in conjunction with this application and are required to fully conform to applicable provisions of the law. This acceptance does not include any vent damper device which may be added to the installation.
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 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 that tested and acceptable for use, as provided 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 July 26, 2007

Examined By Sjoen Derkhoudan

