



# 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 182-07-E

**Manufacturer:** BIASI S.p.A., VIA Leopoldo Biasi, Verona, ITALY 37135

**Trade Name(s):** BIASI

**Product:** Gas and oil-fired commercial hot water boilers

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

**Prescribed Test(s):** RS 14-6 (UL 726, UL 795)

**Laboratory:** Underwriter’s Laboratories of Canada

**Test Report(s):** File MH28676, Vol. 1, Section 2, dated February 15, 2006, and revised September 21, 2006

**Description:** The B-40 boiler is a wet base gas-fired, low pressure cast-iron boiler for forced hot water heating only. The boilers are fired by natural gas or No. 2 fuel oil using Heat Wise or Riello power burners. Boilers are designed for commercial applications. Boilers are provided with a water temperature limiting device, manual reset high-limit device and a pressure-relief valve set for 30 psi. Units, with model numbers and input heating ratings and number of burners, are listed below:

Model	# of Sections	Oil Input (GPH)	Gas Input (MBTUH)	Net Output (MBTUH)
B-40/6	6	2.2	308	230
B-40/7	7	2.9	406	305
B-40/8	8	3.6	504	380
B-40/9	9	4.3	602	456
B-40/10	10	5	700	532
B-40/11	11	5.7	798	607
B-40/12	12	6.4	896	684

**Terms and Conditions:** The above-described gas- or oil-fired hot water boilers are accepted under the following conditions:

1. Units shall be installed on non-combustible flooring. Minimum installed clearances from combustible construction shall be as follows:

Front: 24 inches  
Top: 36 inches  
Sides: 24 inches  
Flue Pipe: 18 inches

2. Boilers shall be constructed in accordance with RS 14-4, the ASME Code, and installed as per clearances to combustible construction, as specified above.
3. Boilers shall be fired by natural gas or No. 2 oil only.
4. Boilers shall be connected to compatible-approved gas- or oil-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 are required to fully conform with applicable provisions of the law, but have been tested in conjunction with this application, nor does it include any bent 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 June 15, 2007

Examined By Jim Derbladen