



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 229-05-E

Manufacturer: Buderus Hydronic Systems, 50 Wentworth Avenue, Londonderry, New Hampshire 03053

Trade Name(s): BBTNA / Buderus.

Product: Gas Fired hot water heater

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

Prescribed Test(s): RS 14-6 (ANSI Z 21.10)

Laboratory: CSA International

Test Report(s): CSA Cert. 1570948 dated January 11, 2005

Description – Gas fired, direct vent cast aluminum low pressure, hot water heater assemblies GB 142, designed for indoor installation only. Unit consists of heat exchanger assembly, ceramic main burner, an electronic ignition system, ignition module and combination gas valve with pressure regulator. Units are provided with flame roll-out and block vent safety switches, water temperature limiting device with setting at 194 degrees Fahrenheit and a pressure relief valve with setting at 30 psi. Units, with model numbers, input heating ratings, are listed below.

Model No.	Input Heating Rating BTUH
GB142-24	84,800
GB142-30	106,000
GB142-45	160,900
GB142-60	198,800

Notes: Units to be installed on wall space. Minimum installed clearances from combustible construction shall be as follows: top – 30 inches; rear – flush mount; left side- 2 inches; right side – 2 inches; front – 2 inches.

Pursuant to “Promulgation of the Rules relating to Materials and Equipment Application Procedures” dated November 5, 1992, the Bureau of Fire Prevention has no objections letter dated October 4, 2005, FP Index No. 0509013A.

Terms and Conditions: That the above described residential water heaters installed as per clearances to combustibles construction specified above, be accepted, when fired by natural gas only, under the following conditions:

1. Heaters shall not be installed in any enclosed space with a volume of less than 100 cubic feet
2. 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 Building Code.
3. Approval of all electrical equipment, apparatus, materials, and devices shall be obtained from the Bureau of Electrical Control before installation

Final Acceptance April 26/2008
Examined by Sjun Derkhoudam