



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

Report of Materials and Equipment Acceptance Division

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 5-06-E

Manufacturer: U.S. Boiler Co Inc., 1239 Harrisburg Pike, Lancaster, Pennsylvania 17603

Trade Name(s): Burnham Hydronics

Product: Gas Fired Boiler

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: Intertek Testing Services NA Inc.

Test Report(s): Listing Report No.: 3075233-002 dated October 25, 2005

Description – Gas fired, Sealed Combustion, cast iron sectional, low pressure, hot water, home heating boiler-SCG series, and design for indoor installation. Units are equipped with an intermittent electronic/ignition system, a primary limit (high limit) control with a maximum setting of 240⁰ F, a flame roll-out switch and a 30 psi relief valve with a maximum discharge capacity rating of 535,000.

Model	Input	DOE Heating Cap	IBR Net AFUE
SCG 3	70	60	52 85.5%
SCG 4	105	90	78 85.4%
SCG 5	140	120	104 85.3%
SCG 6	175	150	130 85.2%
SCG 7	210	179	156 85.0%
SCG 8	245	208	181 84.5%
SCG 9	280	238	207 84.0%

Notes

1. Units may be upgraded to a 50 psi relief valve.
2. Maximum Vent Piping- 50 Equiv. Feet (3-7 Section), 40 Equiv. Ft (8-9Sections)
 Maximum Air Intake Piping- 50 Equiv. Feet (3-7 Section) 40 Equiv. Ft. (8-9 Sections)

Terms and Conditions- That the above described gas fired hot water boilers, constructed in accordance with the ASME Code and installed as per clearances to combustible construction specified above, be accepted for use with natural gas only, approves gas vent in accordance with Article 15 of the Building Code and Section 27-886. This acceptance in no way included the external piping, connection and appurtenances thereto, which are required to fully conform to applicable provisions of law, but have been tested in conjunction with this application. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department before installation. 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 Building Code.

Units shall be installed and used in compliance with the Energy Conservation Construction Code of New York State.

Note: In accordance with Section 27-131 (d), all materials tested and accepted for use shall be subject of 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 18, 2006
Examined by Siun Derkhalam