



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 200-98-E Vol. 2

Manufacturer: Crown Boiler Company, 3633 I Street, Philadelphia, PA 19134

Trade Name(s): Crown

Product: Packaged gas/oil-fired low-pressure steam or hot water boiler assemblies

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

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

Laboratory: The Hydronics Institute

Test Report(s): No. 65L-263, dated May 14, 1998, and Hydronics Institute letter dated August 21, 2007.

Description: Packaged gas/oil-fired, low-pressure steam or hot water boiler assemblies, 24 series, fired by natural gas, light oil or combination of gas and light oil as tabulated below. Safety control equipment includes primary safety control to shut off fuel supply to the burner in the event of ignition failure or unsafe flame extinguishment, pressure control to prevent firing when excessive steam pressure is obtained or temperature control to prevent firing when excessive water temperature is reached in water heating boiler, safety valve(s) required by ASME Code for steam system or relief valve(s) for hot water system, draft control and low water cut-offs. Units, with model numbers, gas input heating rating and fuel oil input, are listed below:

Model No.	Gas input Heating Rating (MBtu/Hr)	#2 Fuel Oil Input (GPH)
24-03	438	3.05
24-04	594	4.10
24-05	792	5.5
24-06	990	6.9
24-07	1174	8.1

Model No.	Gas input Heating Rating (MBtu/Hr)	#2 Fuel Oil Input (GPH)
24-08	1358	9.4
24-09	1641	11.4
24-10	1867	13.0
24-11	2093	14.6
24-12	2320	16.0

Terms and Conditions: The above gas or oil-fired, hot water boiler assemblies are accepted on condition that:

- 1) Boilers are to be constructed in accordance with the ASME Code, per RS 14-4.
- 2) Boilers shall be installed on non-combustible flooring only. Clearances from combustible construction shall be in accordance with the standard clearances listed in Reference Standard RS 14-15.
- 3) Units shall be fired with natural gas or No. 2 fuel oil only.
- 4) Approved gas vent or chimney shall be in accordance with Subchapter 15 of the New York City Building Code.
- 5) This acceptance in no way includes the external piping, connection 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 shall be obtained from the Department of Environmental Protection, Bureau of Air Resources to show compliance with their rules and regulations for fuel oil burning equipment.
- 7) Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board.
- 8) Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
- 9) 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 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 November 12, 2007

Examined By Srin Derphudam