



# 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 294-07-E

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

**Trade Name(s):** Crown

**Product:** Oil-fired hot water boilers

**Pertinent Code Section(s):** 27-800, 27-824

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

**Laboratory:** The Hydronics Institute

**Test Report(s):** No. 65L263, dated January 25, 2001, and Hydronics Institute letter dated August 21, 2007.

**Description:** Cast-iron wet base oil-fired, low-pressure hot water or steam boiler assemblies, LCW series, designed for residential applications for operation with fuel not heavier than No. 2 fuel oil. Hot water boilers are equipped with a temperature-limit control with a maximum setting of 240°F and a circulator relay. Hot water boilers may also be equipped with a tankless coil. Hot water boilers may be equipped with a relief valve with a setting of up to 50 psi. Units, with model numbers and input heating ratings, are listed below:

Model No.	MBH Gross Output	Firing Rate #2 Oil, GPH	Burner
LCW065	78	0.65	Beckett AFG
LCW075	90	0.75	Beckett AFG
LCW100	119	1.00	Beckett AFG
LCW090	108	0.90	Beckett AFG
LCW125	149	1.25	Beckett AFG
LCW150	177	1.50	Beckett AFG
LCW120	144	1.20	Beckett AFG
LCW175	207	1.75	Beckett AFG
LCW200	235	2.00	Beckett AFG

Notes:

1. Boilers may be delivered packaged or knocked down.
2. Only oil burners explicitly specified in installation manual, or approved by Crown in writing, may be used on this boiler. These burners must be configured as specified by Crown.

**Terms and Conditions:** The above 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 No. 2 fuel oil only.
- 4) Approved 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 Simon Derfudam