



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 314-05-E Vol. 2

Manufacturer: Weil-McLain, 500 Blaine Street, Michigan City, IN 46360.

Trade Name(s): Weil-McLain

Product: Oil-fired hot water heating boiler series

Pertinent Code Section(s): 27-800, 27-824, 27-886

Prescribed Test(s): RS 14-16 (UL 726)

Laboratory: Hydronics Institute Division of GAMA, Canadian Standard Association (CSA)

Test Report(s): No. 65L-271, dated August 15, 2005, and CSA Report, No. 1702109, dated September 20, 2005

Description: Natural-draft cast-iron-sectional hot water package boiler, Series UO, with Beckett Burner model NX, fired with No. 2 fuel oil is designed for indoor installation only, as listed in the table below. Safety control equipment includes primary safety to shut-off fuel supply to the burner in the event of ignition failure, temperature control to prevent firing when excessive water temperatures are reached, and relief valve(s) required by ASME Code. Units, with model number, gross output and firing rate, are listed below:

Model No.	Gross Output (MBH)	Firing Rate #2 Oil (GPH)
UO-03@0.8	98	0.80
UO-03@1.0	122	1.00
UO-04	147	1.20
UO-05	172	1.40

- Notes:
1. Boilers are constructed according to ASME Boilers and Pressure Vessel Code, Section IV 50psig water pressure.
 2. Units can be direct-vented when employing optional field controls direct-vent kit, model #FDVS-46, and vent pipe, model #FVOP-415, with the maximum vent pipe of 15 feet.

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. Boiler can be installed on combustible flooring when using leveling legs. Minimum installed clearances from combustible construction shall be as follows:
 - Top – 12 inches
 - Front – 2 inches (from front of burner)
 - Flue – 6 inches;
 - Sides and back – 2 inches
- 3) Units shall be fired with No. 2 fuel oil only.
- 4) Approved gas vent shall be in accordance with Subchapter 15 of the New York City Building Code and Section 27-886.
- 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 and have been used during the testing in conjunction with this application.
- 6) Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board.
- 7) 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.
- 8) Units shall be 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 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 February 13, 2007

Examined By Simon Derkinderen