



NYC Department of Buildings
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Patricia Lancaster, FAIA, Commissioner
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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 231-88-E Vol. 5

Manufacturer: U.S. Boiler Co., Inc., P.O. Box 3079, Lancaster, PA 17604

Trade Name(s): Burnham, V8H Series

Product: Oil-fired, steam or hot water boiler assemblies

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

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

Laboratory: The Hydronics Institute

Test Report(s): No. 65L203A dated March 19, 1992, No. 65L-246 dated October 1, 1996 and letter dated December 1, 2000 & July 9, 2007

Description: Natural draft, cast iron sectional steam or hot water packaged boiler units fired by No. 2 fuel oil, as listed in the table below. Internal tankless hot water heater may be optionally installed in front section at top of the boiler (water boiler only) or rear section on right side at rear of boiler (steam boiler – optional water boiler). Safety control equipment includes primary safety control to shut down burner in the event of ignition failure, temperature pressure-limiting control to shut down burner when excessive steam pressure is obtained in steam-heating boilers, control to prevent firing when excessive water temperatures are reached in water-heating boilers, safety valve(s) required by ASME Code for steam system or relief valve(s) for hot water system, draft control, and low water cut-off to prevent firing with insufficient water in the steam or hot water heating boilers. Units, with model numbers and firing rates, are listed on following page.

VH8™Series Boiler Model Nos.	Firing Rate GPH
V8H2W	0.60
V8H3S *N/A	0.75
V8H3NS V8H3W V8H4S *N/A	1.05
V8H4NS V8H4W V8H5S *N/A	1.35
V8H5NS V8H5W V8H6S *N/A	1.65
V8H6NS V8H6W	1.90
V8H7S V8H7W	2.10
V8H8S V8H8W	2.35
V8H9S V8H9W	2.60

Notes:

1. V8H Suffix Designation

- NS = Steam, high-firing rate
- S = Steam, low-firing rate
- W = Water, high-firing rate

2. Units are constructed for 15 psi maximum working steam pressure on steam boiler and for 30 psi working pressure on water boilers (optional 45 psi maximum working pressure available on water boilers).

Terms and Conditions: The above-described oil-fired hot water boilers are accepted for use under the following conditions:

1. Boilers shall be constructed in accordance with RS 14-4 (ASME Code).
2. Boilers may be installed on non-combustible flooring. Minimum installed clearances from combustible construction shall be in accordance with Reference Standard RS 14-15 of the New York City Building Code.

3. Boilers shall be fired by No. 2 fuel oil only.
4. Boilers shall be connected to compatible and MEA-approved chimneys in accordance with Subchapter 15 of the New York City Building Code.
5. This acceptance in no way includes the external piping, connections and appurtenances thereto, which have been tested in conjunction with this application and are required to fully conform to applicable provisions of the law. This acceptance does not include any vent damper device which may be added to the installation.
6. Approval shall be obtained from Department of Environmental Protection, Bureau of Air Resources to show compliance with 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 before installation.
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 the 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 August 9, 2007

Examined By Simon Derkheolam