



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 75-07-E

Manufacturer: Precision Boilers, Inc., 5727 Superior Drive, Morristown, Tennessee 37814

Trade Name(s): Precision

Product: Gas-fired boiler assemblies

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

Prescribed Test(s): RS 14-6 (ANSI Z21.13)

Laboratory: Intertek, ETL Semko Division

Test Report(s): 3079143CRT-002, dated November 29, 2005.

Description: Natural gas-fired hot water and steam boilers, Models **FPH** and **FPS**, designed for indoor installation only. All boilers employ ASME-stamped pressure vessels, combustion chambers, burner assemblies, vent collector ASME-relief valves and controls. All boilers are designed for permanent installation.

Boilers are similar in design. The FPS models are steam boilers and FPH models are hot water boiler. Boilers differ in capacity of steam or hot water produced, and firing rates of the burners. Units, with model numbers, boiler horse power, flue sizes and input ratings, are listed below:

Model No.	Boiler HP	Flue Size	Rated Input
FPS-24-06	6	6"	250
FPS-24-09	9.5	6"	400
FPS-24-10	10	6"	420
FPS-31-15	15	8"	630
FPS-31-20	20	8"	840
FPS-39-20	20	8"	840

Model No.	Boiler HP	Flue Size	Rated Input
FPS-39-25	25	10"	1050
FPS-39-30	30	10"	1260
FPS-46-35	35	12"	1470
FPS-46-40	40	12"	1674
FPS-58-50	50	12"	2110
FPS-58-60	60	14"	2500
FPS-58-72	72	14"	3000
FPS-62-72	72	14"x	3000
FPS-62-84	84	16"	3500
FPS-62-100	100	16"	4200
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FPH-24-09	9.5	6"	400
FPH-24-10	10	6"	420
FPH-31-15	15	6"	630
FPH-31-20	20	8"	840
FPH-39-25	25	8"	1050
FPH-39-30	30	10"	1260
FPH-39-35	35	10"	1470
FPH-46-40	40	12"	1674
FPH-46-45	45	12"	1870
FPH-58-50	50	12"	2110
FPH-58-60	60	14"	2500
FPH-58-72	72	14"	3000
FPH-58-84	84	16"	3500
FPH-62-84	84	16"	3500
FPH-62-100	100	16"	4200
FPH-69-120	120	18"	5000

Electrical Ratings – All boilers may be powered at 120/208/220/240/277/440/480/575, 1 of 3 Phase, 60 Hz. The current is dependent on capacity and voltage. See burner ratings for amperage requirements.

Terms and Conditions: The above-described boilers are approved for use under the following conditions:

1. Boilers shall be constructed in accordance with RS 14-4 (ASME Code).
2. Boilers shall be installed on non-combustible flooring. Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of New York City Building Code.
3. Boilers shall be fired by natural gas only.

4. Boilers shall be connected to compatible approved gas vent or chimney 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 of all electrical equipment apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
7. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
8. 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 accepted 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 October 31, 2007

Examined By Sean Derfludam