

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, F.A.I.A., Commissioner
MEA 182-94-E Vol. II

Report of Material and Equipment Acceptance Division

Manufacturer – PB Heat LLC, 9th & Rothermel Drive, P.O. Box 447, New Berlinville, PA 19545-0447.

Trade Name(s) – Peerless Boilers.

Product -Oil fired low pressure steam or hot water boiler assemblies.

Pertinent Code Section(s) - 27-800, 27-807, 27-824, 27-826.

Prescribed Tests - RS 14-6 (UL 726).

Laboratory - The Hydronics Institute.

Test Report(s) - File No. 65L232, dated August 3, 1994 and Hydronics letter dated January 19, 2004.

Description - Cast iron wet base oil fired, low pressure steam or hot water boiler assemblies, Model EC-ECT designed for residential and commercial applications for operation with fuel oil not heavier than No. 2 fuel oil. Domestic tankless coil is also offered in which case the model would be a ECT. Safety controls includes primary safety control to shut off fuel supply to the burner in the event of ignition failure or flame extinguishment, pressure control to prevent firing when excessive steam pressure is obtained, and safety valve required by ASME Code for steam system or temperature control to prevent firing when excessive water temperature is obtained and relief valve for hot water system, draft regulator, and low water cut-off. Unit, with model numbers and fuel oil input rating, are listed below:

| Model No. | #2 Fuel Oil Input Rating GPH |
|-----------|------------------------------|
| EC/ECT-03 | 0.75 |
| EC/ECT-03 | 1.00 |
| EC/ECT-03 | 1.20 |
| EC/ECT-04 | 1.25 |
| EC/ECT-04 | 1.50 |
| EC/ECT-04 | 1.75 |
| EC/ECT-05 | 1.75 |
| EC/ECT-05 | 2.00 |
| EC/ECT-05 | 2.50 |
| EC/ECT-06 | 2.75 |
| EC/ECT-06 | 3.00 |

- Notes: 1. S- Steam; W – Hot water boiler.
2. Boilers shall be installed on noncombustible flooring only. Minimum installed clearances from combustible construction shall be in accordance with Reference Standard RS-14-15.

Recommendation - That the above boilers, constructed in accordance with the ASME Code and assembled with compatible MEA accepted burner with size and operating characteristics approved by the boiler manufacturer, be accepted for use fired by No. 2 fuel oil as indicated above. This acceptance in no way includes the external piping, connections, and appurtenances thereto, which are required to fully conform with applicable provisions of law, but have not been tested in conjunction with this application, nor does it include any vent damper device which may be added to the installation. Approval shall be obtained from the Department of Air Resources to show compliance with their rules and regulations for fuel burning equipment. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

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 those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance April 30/04

Examined by S. Deshpande