

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 91-95-E Vol. III  
Report of Material and Equipment Acceptance Division

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

Trade Name(s) - Peerless Boilers.

Product - Gas-oil fired low pressure steam or hot water boilers

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

Prescribed Tests - RS 14-6 (UL 726, UL 795).

Laboratory - The Hydronics Institute.

Test Report(s) - File No. 65L-245, dated May 14, 1996, and Hydronic letter dated January 19, 2004.

Description - Sectional cast iron heating boilers for low pressure steam or hot water service. Series LCE fired with No. 2 fuel oil, natural gas, or a combination gas/oil burner. The Series LCE are forced draft boilers without refractory combustion chamber but with a cerafelt liner on the floor and may be furnished with copper tankless coils for domestic hot water supply. Safety-control equipment includes primary safety control to shut off fuel supply to the burner in the event of ignition failure or unsafe flame extinguishment. A pressure control to prevent firing when excessive steam pressure is obtained or a temperature control to prevent firing when excessive water temperatures are reached in water heating boilers, safety valve required by ASME Code for steam system set at 15 psi, or relief valve for hot water system set at 30 psi, and low-water cut-offs to prevent firing with insufficient water in the steam and hot water heating boilers. Units, with model numbers, gas input heating and fuel oil input, are listed below:

Model No.	Gas Input Rating MBTUH	#2 Fuel Oil Input Rating GPH
LC-04	686	4.75
LC-05R	808	5.60
LC-05	881	6.10
LC-06	1077	7.50
LC-07	1273	8.80
LC-08	1469	10.20

Model No.	Gas Input Rating MBTUH	#2 Fuel Oil Input Rating GPH
LC-09 S/W	1664	11.60
LC-10 S/W	1860	12.80
LC-11 S/W	2056	14.20
LC-12 S/W	2252	15.60
LCE-13 S/W	2464	17.0
LCE-14 S/W	2657	18.4
LCE-15 S/W	2850	19.8
LCE-16 S/W	3043	21.0
LCE-17 S/W	3236	22.5
LCE-18 S/W	3429	24.0
LCE-19 S/W	3622	25.0
LCE-20 S/W	3815	26.5
LCE-21 S/W	4027	28.0
LCE-22 S/W	4239	29.5
LCE-23 S/W	4451	31.0
LCE-24 S/W	4663	32.5

Note: Boilers shall be installed on noncombustible flooring. Minimum installed clearances from combustible construction shall be in accordance with Reference Standard RS-14.

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 natural gas or No. 2 fuel oil as indicated in the table, When connected to compatible chimney in accordance with Article 15 of the Building Code. 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 been tested in conjunction with this application nor does it include any vent damper which may be added to in 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