



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 309-07-E

Manufacturer: Pacific Steam Equipment Inc., 10648 Painter Ave., Santa Fe Springs, CA 90679

Trade Name(s): Pacific Clean Air Boiler

Product: High-pressure, gas-fired steam boilers

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, UL 795)

Laboratory: Intertek Testing Services N.A., Inc.

Test Report(s): Report No. 3117872CRT-002 dated March 15, 2007.

Description: High-pressure vertical water tube type gas-fired steam boilers, permanently installed, intended for industrial usage such as the generation of steam for commercial machines. The boilers are also designed to produce approximately 207, 328, 345 and 518 pounds of steam per hour, respectively, at preset operational pressures from 5 to 150 psi. A pressure vessel constructed in accordance with the applicable section of the ASME Boiler and Pressure Vessel Code as a certified power boiler with ASME code "S" stamping and which is National Board inspected, stamped and registered. An ASME-certified type "V" pressure-relief valve with up to 150 psi maximum pressure rating is provided on vessel. The boiler is furnished with a water level control circuit board that handles both pump-fed water level and primary low-water cutoff, an electronically controlled secondary low-water cutoff with a manual reset, operational pressure-regulating controller, and a high-limit pressure controller with a manual reset. Units, with model numbers and horsepower ratings, are listed below:

Model No.	Horse Power Ratings (HP)
BP-100	6
BP-200	9.5
BP-210	10
BP-300	15

Specifications and Data:

Model No.	BTU Input (Btu/hr)	Heating Surface (Ft ²)
BP-100	252,000	23.67
BP-200	399,000	45.21
BP-210	420,000	45.21
BP-300	630,000	52.74

Terms and Conditions: The above units are accepted on the following conditions:

1. Boilers are constructed according to RS 14-4, ASME Boiler and Pressure Vessel Code, Section IV.
2. The boilers are to be placed on a firm, level, non-combustible foundation with clearances as follows: left side – 6 inches, right side – 18 inches, back – 18 inches, front – 36 inches.
3. Units shall be fired with natural gas only.
4. Approved chimney shall be in accordance with Subchapter 15 of the New York City Building Code.
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 November 20, 2007

Examined By Srin Derfudan