

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 Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner

MEA 86-95-E Vol. II
Report of Material and Equipment Acceptance Division

Manufacturer – Bryan Steam Corporation, State Road 19 North, Peru, Indiana 46970.

Trade Name(s) – Bryan.

Product – Low pressure steam or hot water heating boilers.

Pertinent Code Section(s) -27-800, 27-824, 27-826, RS 14-2 (ANSI Z223.1), RS 14-5A (ANSI/ASME Section IV).

Prescribed Test(s) - RS 14-6 (UL 296, UL 726, UL 795).

Laboratory -Underwriters Laboratories, Inc.

Test Report(s) - UL File MP3390, dated January 9, 1991, October 14, 2003, and March 15, 1994.

Description – Packaged four (4) –pass, water tube, forced draft boiler with five (5) square feet of heating surface per boiler horsepower and jacket with two(2) inch insulations. Safety control devices include ASME safety or relief valve(s), operating control, high limit control with manual reset, low water cut off with manual reset, programming control for pilot and main flame supervision and shut down on response to required interlocks. Unit is designation Series RW and is available in seven (7) sizes as listed below:

Model No.	Horsepower	Input Heating Rating		
		Nat. Gas MBH	No. 2 Oil GPH (140,000 BTU/GAL.)	
			Min.	Max.
RW-850	200	8500	15.20	60.70
RW-1050	250	10500	18.75	75.00
RW-1260	300	12600	22.50	90.00
RW-1500	350	15000	26.80	107.10
RW-1700	400	17000	30.40	121.40
RW-1900	450	19000	33.90	135.70
RW-2100	500	21000	37.50	150.00

Notes: 1. Units are designed for steam operation at maximum working pressure of 15 PSIG and hot water at 160 PSI (250 degrees Fahrenheit).

2. Units shall be installed on noncombustible flooring. Minimum installed clearances from combustible construction shall be in accordance with Reference Standards RS 14-15 of the New York City Building Code.

Recommendation - That the above boilers constructed with the ASME Code and assembled with compatible MEA accepted burner with size and operating characteristic approved by the boiler manufacturer, accepted for use fired by #2 fuel oil and/or natural gas as indicated above when connected to compatible approved gas vent or chimney in accordance with Article 15.

As an alternate - The above boilers may be supplied less burner for installation of a field supplied MEA accepted burner with size and operating characteristic approved by the boiler manufacturer, accepted for use fired by #2 fuel oil and/or natural gas as indicated above when connected to compatible approved gas vent or chimney in accordance with Article 15.

This acceptance in no way includes the external piping, connections and appurtenances thereto, which are required to fully conform with the applicable provisions of the law, 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 obtained from the Department of Air Resources to show compliance with their rules and regulations for fuel oil 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 Feb/27/04
Examined By S Derphida