



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

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 59-96-E Vol.5

Manufacturer: EASCO BOILER CORP., 1175 LEGGETT AVENUE BRONX, NY 10474

Trade Name(s): EASCO

Product: LOW PRESSURE STEAM AND HOT WATER BOILERS

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

Prescribed Test(s): RS 14-6 (UL 296, UL 726, UL795)

Laboratory: UNDERWRITERS LABORATORIES , INC.

Test Report(s): UL FILE MH16064, 1. PROJECT 04NK1458, VOLUME 1, SECTION 3 DATED MAY 27, 2004, 2. PROJECT 00Nk8132, VOLUME 2, SECTION 3 DATED FEBRUARY 20,2002

Description – Field erected and/or factory fabricated boiler only and packaged gas and /or oil fired boiler assemblies, three-pass modified scotch marine, fire tube forced draft type with five square feet heating surface per boiler horsepower, as tabulated below. Safety control equipment includes primary safety control to shut off the fuel supply to the burner in the event of ignition failure or unsafe flame extinguishment, pressure control to prevent firing when excessive steam pressure is obtained, safety valves required by ASME Code for steam system or ASME relief valves for hot water system, temperature controller for hot water supply system, and low water cutoff to prevent firing with insufficient water in the boiler. Units, with model numbers, gas and oil input ratings are listed below.

<u>Boiler Model</u>	<u>Burner Model</u>	<u>Firing Rate Range (++)</u>		<u>No. 2 Oil</u>	
		<u>Natural Gas</u>		<u>GPH</u>	
<u>No. and</u>	<u>Designation</u>	<u>BTU x 1000</u>			
<u>Horsepower</u>	<u>(*)</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Maximum</u>
SM4-020	S6.1-*-03	-----	840	----	6.0
SM4-032	S8.8-*-03	-----	1384	-----	9.6
SM4-040	S8.9-*-05	984.7	1680	7.0	12.0
SM4-050	S8-*-07	1231.2	2100	8.8	15.0
SM4-060	S8.2-*-15	1477.1	2520	10.6	18.0
SM4-070	S10.9-*-10	980	2929	7.0	21.0
SM4-080	S10-*-15	1120	3348	8.0	24.0
SM4-090	S10.1-*-30	1260	3766	9.0	27.0
SM4-100	S10.1-*-30	1400	4184	10.0	30.0
SM4-125	S12-*-50	1750	5230	12.5	37.5
SM4-150	S12.1-*-50	2100	6277	15.0	45.0
SM4-175	S12.1-*-50	2100	7323	15.0	52.5
SM4-200	S14.9-*-30	1680	8369	12.0	60.0
SM4-250	S14-*-50	2100	10361	15.0	75.0
SM4-300	S16.9-*-75	2520	12553	30.0	90.0
SM4-300	F16-*-75	4200	12553	30.0	90.0
SM4-350	S16-*-75	2940	14645	30.0	105.0
SM4-350	F16-*-75	4200	14645	30.0	105.0
SM4-400	F16.1-*-150	3360	16738	30.0	120.0
SM4-450	F18.9-*-150	6300	18830	45.0	135.0
SM4-500	F18-*-150	4200	21000	30.0	150.0
SM4-600	F18.1-*-200	5040	25200	36.0	180.0
SM4-700	F20.9-*-400	5880	29400	42.0	210.0
SM4-750 (+)	F20-*-150	6276	31383	45.0	225.0
SM4-800 (+)	F18.9-*-150	6720	33600	48.0	240.0
SM4-900 (+)	F18.9-*-150	7560	37800	54.0	270.0
SM4-1000 (+)	F18.9-*-150`	8400	42000	60.0	300.0

(*) Burner model designation suffixed "G", "O" or "GO" for gas, oil and combination gas-oil burners, respectively where "*" appears. Model designation may be further suffixed.

(++) Fuel input rates based on fuel having a heating valve as follows:

Natural Gas-1000, btu/ft³
No. 2 Oil-140,000 btu/gal.

Note: Units shall be installed on noncombustible flooring. Minimum installed clearances from combustible construction shall be as follows: top-18 inches; side-18 inches; rear-18 inches; front-48 inches; flue pipes- 18 inches.

Terms and Conditions: That the above described boilers, constructed in accordance with the ASME Code and when applicable, and assembled with compatible MEA accepted burner with size and operating characteristics approval by the boiler manufacturer, be accepted for use fired by oil fuel not heavier than No. 6 fuel oil and/or natural gas indicated above, when connected to compatible approved gas vent or 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 device which may be added to the installation. Approval of all electric 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 June 29, 2006
Examined by Simon Derfudom