

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 308-03-E

Report of Material and Equipment Acceptance Division

Manufacturer - Easco Boiler Corp., 1175 Leggett Avenue, Bronx, New York 10474.

Trade Name(s) – Easco.

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).

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

Laboratory -Underwriters Laboratories, Inc.

Test Report(s) - UL File MH16064, Project 03NK25125 , Volume 1, Section 4.

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.

Boiler Model No. and Horsepower	Firing Rate Range			
	Natural Gas BTU x1,000		No. 2 Oil GPH	
	Minimum	Maximum	Minimum	Maximum
SM5-20	491	816	3.5	5.8
SM5-25	614	1020	4.4	7.3
SM5-30	738	1225	5.2	8.7
SM5-35	860	1429	6.1	10.2
SM5-40	983	1633	7.0	11.7
SM5-50	1229	2041	8.7	14.6
SM5-60	1479	2449	10.5	17.5

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

Recommendation - 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 approved by the boiler manufacturer, be accepted for use fired by oil fuel not heavier than No. 2 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 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 Nov/28/2003

Examined By S Derphidan