NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

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 301-05-E Vol. II

Manufacturer:	Fulton Boiler Works, Inc., 3981 Port Street, Pulaski, New York 13142.
Trade Name(s):	Fulton.
Product:	Combination gas/oil fired boiler high pressure assemblies.
Pertinent Code Section(s):	27-800, 27-824, 27-826, RS 14-2 (ANSI Z223.1).
Prescribed Test(s):	RS 14-6 (UL 726, UL 795).
Laboratory:	Underwriters Laboratories, Inc.
Test Report(s):	File MP2416, dated October 28, 2005.

Description: Vertical, two pass design, fire-tube type gas-oil fired steel boiler assemblies designed for high pressure. Boilers are designed for modulation operation and may be fired by natural gas, fuel oil not heavier than No. 2, or combination natural gas and fuel oil as tabulated below. Units are referred to as Fulton model VMP steam or hot water generators and consist of a boiler equipped with a direct-spark ignition oil burner of the pressure atomization type and/or a gas burner with a proved electric igniter assembly for ignition of the main gas supply. The gas fired boilers may include a common gas manifold for the pilot and main gas supply, or as an alternate arrangement, a separate pilot gas supply is provided independent of the main gas manifold. The combination gas-oil fired boilers incorporate a direct-spark ignition system for ignition of the

main oil supply and this same dual igniter assembly also provides ignition of the proved pilot gas supply.

Model	Heating Surface Area in Square Feet	Minimum Input Natural Gas Btu/Hr.	Maximum Input Natural Gas Btu/Hr.	Minimum Input No. 2 Oil GPH	Maximum Input No. 2 Oil GPH
VMP40	115	531,667	1,595,000	5.5	11.0
VMP49.5	99	657,360	1,972,080	6.9	13.9
VMP50	147	664,000	1,992,000	7.0	14.0
VMP60	160	797,333	2,392,000	8.5	17.0
VMP80	209	1,062,667	3,188,000	11.5	23.0
VMP100	252	1,328,333	3,985,000	14.0	28.0
VMP130	352	1,733,333	5,200,000	18.5	37.0
VMP150	352	1,992,667	5,978,000	21.0	42.0

Notes: 1. The number in the model designation denotes the boiler size in boiler horsepower (i.e. VMP40 is 40 HP). The letter "W" inserted after VMP denotes a hot water boiler. The suffix letters "LE" denotes a low emissions boiler.

2. Gallons per hour (GPH) is based upon oil heating value of 140,000 BTU per gallon (No. 2 oil).
3. Boilers shall be installed on non-combustible flooring only. Clearances to combustible construction, in inches, shall be as follows: For steam boilers equipped to operate at not over 50 psig and all water boilers: Top, Sides and Rear – 18; Front – 36; Chimney Connector – 18. For boilers equipped wo operate at over 50 psig: Top – 24; Sides, Rear, Front and Chimney Connector – 18.

Terms and Conditions: 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 #2 fuel oil and/or natural gas as indicated above when connected to compatible 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 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 be 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 Buildings Department before installation. All shipments and deliveries of such equipment shall be provided with a metal tag certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided for in sub-article 27-131 of the Building Code.

Final Acceptance DECEMBER 27, 2005

Examined By Jim DeRhodes