



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 138-05-E Vol. II

Manufacturer: Cleaver Brooks 221 Law Street Thomasville, Georgia 31792

Trade Name(s): Cleaver Brooks

Product: Low pressure, steam and hot water boiler assemblies.

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

Prescribed Test(s): RS 14-6 (UL 795).

Laboratory: Underwriters Laboratories Inc.

Test Report(s): UL file MP1002 dated January 30, 2006.

Description: Combination gas and/or oil fired, Firetube boilers for steam and hot water application, 4WI series, intended for commercial or industrial use and equipped with an integral burner. The oil-fired boilers and oil-fired section of the gas-oil boilers are designed for operation on fuel oils firing # 2,4 and 6 fuel oil. The oil burners and the oil fired section of the gas oil burners provided with these UL listed boiler assemblies, are of the air atomizing type, employing a proved gas pilot for ignition of the main fuel oil supply. The gas fired boilers and the gas fired section of the gas-oil boilers are intended for use with natural gas. The gas burners and the gas fired section of the gas-oil burners provided with these UL listed boilers assemblies, employ a spark ignited proved gas pilot for ignition of the main gas supply. Units with model number, input heating rating, Boiler Horse Power and Heat Transfer Surface area are listed below.

Model No.	Input Heating rating Mbtu/hr	BHP	Heat Transfer Surface Area-sqft (water side)
4WI-*-100	4.08	100	500
4WI-*-125	5.1	125	625
4WI-*-150	6.1	150	750
4WI-*-200	8.16	200	1000
4WI-*-250	10.2	250	1250
4WI-*-300	12.2	300	1500
4WI-*-350	14.3	350	1750
4WI-*-400	16.3	400	2000
4WI-*-500	20.4	500	2500
4WI-*-600	24.5	600	3000
4WI-*-700	28.6	700	3500
4WI-*-750	30.6	750	3500
4WI-*-800	32.6	800	3500 or 4000

*- May be 100-oil fired, 200-gas-oil fired, 700-gas fired boilers.

Note: Boilers shall be installed on noncombustible flooring only. Clearances from combustibile construction shall be in accordance with Reference Standard RS 14-15.

Terms and Conditions: The above boilers, constructed in accordance with the ASME Boiler Code and assembled with compatible MEA accepted burner with size and operating characteristics approved by the boiler manufacturer, be accepted for use fired by No. 2 ,4 and 6 fuel oil or natural gas, as indicated in the table, 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 not been tested in conjunction with this application. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Building Department 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 March 10, 2006
Examined by Srin Deshpandam