



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 4-83-E Vol. 2

Manufacturer: Clayton Industries
17477 Hurley Street
City of Industry, CA 91744

Trade Name(s): Clayton

Product: Packaged, gas-fired boiler assemblies
MEA Index #60-30 – Boilers

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

Prescribed Test(s): RS 14-6 (ANSI Z21.13)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File MP1685, Project 07CA44114 issued 2007.

Description: Automatically operated gas-fired high pressure steam generators of the continuous coil-type incorporating a steam separator, as indicated in the table on the following page. Water for evaporation is delivered by a packless diaphragm type water pump to the heating element which consists of a continuous coil of steel tubing. The water is heated to steam temperature in the coil and discharged into an accumulator where the steam is allowed to expand and is used as needed. The excess condensate is returned directly to the hotwell through a steam trap. The gas burner is of the forced draft type, with a proved, spark-ignited pilot. The gas burner has a low-fire position. The low-fire start rate is a maximum of 50% of the rated input for all burners. All models are available in step fire or modulation configurations.

Boiler Model	Boiler HP	Steam Operating Pressure Range PSI	Maximum Working Pressure Range PSI	Gas Consumption at Max Steam Output	Total Heating Surface Area ft²
SF50	50	14-450	15-3000	2092	106.4
SF75	75	14-450	15-3000	3138	145.3
SF100	100	14-450	15-3000	4184	198
SF125	125	14-450	15-3000	5231	279
SF150	150	14-450	15-3000	6277	274.4
SF200	200	14-450	15-3000	8369	411.8

Terms and Conditions: The above packaged gas-fired boilers assemblies are accepted on condition that:

- 1) Boilers are to be constructed in accordance with the ASME Code, per RS 14-4.
- 2) Units shall be installed as per clearances to combustible construction specified above.
- 3) Units shall be fired with natural gas only.
- 4) Approved chimney or gas vent shall be in accordance with Subchapter 15 of the New York City Building Code.
- 5) This acceptance in no way includes the external piping, connection and appurtenances thereto, which are required to fully conform to applicable provisions of the law but have been tested in conjunction with this application.
- 6) Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board.
- 7) Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

- 8) 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 that tested and accepted for use, as provided in Section 27-131 of New York City Building Code.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance May 14, 2008

Examined By Siun DerPhodan