



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 171-05-E

Manufacturer: Crown Boiler Co., 3633 I Street, Philadelphia, PA 19134

Trade Name(s): Crown Series 16

Product: Gas-fired 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 (ANSI Z21.13)

Laboratory: Intertek Testing Laboratories

Test Report(s): ITS Report No. 3053562, dated January 29, 2004.

Description: The Series 16 boilers are cast iron, hot water boilers designed for use in closed forced circulation hot water heating systems found in large homes, multi-family dwellings, small businesses, office complexes and other commercial-heating applications. These boilers are Category I draft hood-equipped appliances, which must be vented by natural draft using a lined masonry or listed metal chimney system. An adequate supply of air for combustion, ventilation and dilution of flue gases must be available in the boiler room. These boilers are intended for use with natural gas only. Units, with model numbers and input ratings, are listed below:

Model No.	Input BTU/HR
16-325	325,000
16-390	390,000
16-455	455,000
16-520	520,000
16-585	585,000

Note: Series 16 boilers are equipped with an external draft hood which must be installed without alteration. Make sure adequate head room exists to install Series 16 boiler models with the unaltered draft hood while maintaining proper clearances from the vent connector to combustible materials.

Terms and Conditions: The above-described gas-fired hot water boilers are approved for use under the following conditions:

1. Boilers shall be constructed in accordance with RS 14-4 (ASME Code).
2. Boilers shall be installed on non-combustible flooring. Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of New York City Building Code.
3. Boilers shall be fired by natural gas only.
4. Boilers shall be connected to compatible approved gas vent or chimney in accordance with Subchapter 15 of the New York City Building Code.
5. This acceptance in no way includes the external piping, connections and appurtenances thereto, which have been tested in conjunction with this application and are required to fully conform to applicable provisions of the law. This acceptance does not include any vent damper device which may be added to the installation.
6. Approval of all electrical equipment apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
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 acceptable for use, as provided in Section 27-131 of the 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 July 26, 2007

Examined By Simon Derbhidan