



NYC Department of Buildings
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Patricia Lancaster, FAIA, Commissioner
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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 482-06-E

Manufacturer: Carlin Combustion Technology, Inc., 70 Maple Street, East Longmeadow, MA 01028

Trade Name(s): Carlin 601GAS

Product: Power gas-fired burner.

Pertinent Code Section(s): 27-800, 27-807, 27-825, RS 14-2

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

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File MH29725, dated September 22, 2006.

Description: Power gas burner assembly, model 601GAS, designed for use in boiler and furnaces for operation with natural gas only. The 601GAS uses a combination of orifice size and regulated pressure to establish firing rate, a flame-rectification safety control, and direct-spark ignition. The 601GAS uses a gas-pressure regulator, primary gas valve, secondary gas valve, low-gas pressure switch and high-gas pressure switch. The input range is as follows:

601GAS: 700,000 BTUH to 1,500,000 BTUH

Terms and Conditions: The above power gas burner is accepted with the following conditions:

1. Units shall be equipped with applicable safety controls and installed in accordance with requirements enumerated in Sections 27-826 and 27-800.
2. Units shall be fired by natural gas only.
3. Units shall be installed in accordance with RS 14-2 (NFPA Standard 54).
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
5. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
6. 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.

Final Acceptance November 29, 2006

Examined By S. Allen Darkhuden