



Report of Materials and Equipment Acceptance Division

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

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 347-07-E

Manufacturer: Thermal Engineering Corporation
2741 The Boulevard
Columbia, SC 29209

Trade Name(s): Searmaster® II

Product: Gas-fired Infrared Charbroilers
MEA Index #150-210 – Cooking Appliances

Pertinent Code Section(s): Subchapters 14, 15 and 16
Reference Standards RS 14 and RS 16

Prescribed Test(s): ANSI Z83.11-2002 and ANSI Z83.11a-2004

Laboratory: CSA International

Test Report(s): 177697-1740309 dated November 21, 2006.

Description: The Searmaster® II is an infrared gas charbroiler with 1, 2, 3, 4 or 5 burners used in commercial cooking applications. Model numbers with heating ratings are listed below:

Model No.	Overall Width	Overall Depth	Number of Burners	Total Btu/hr
SM2101NT	14 3/16"	34 5/16"	1	24,000
SM2102NT	25 3/16"	34 5/16"	2	48,000
SM2103NT	36 3/16"	34 5/16"	3	72,000
SM2104NT	47 3/16"	34 5/16"	4	96,000
SM2105NT	58 3/16"	34 5/16"	5	120,000

Terms and Conditions: The above gas-fired infrared charbroilers are accepted under the following conditions:

1. Units shall use only natural gas and shall be permanently fixed. Portable units using propane gas is not permitted in New York City.
2. Cooking equipment shall be installed under hoods that vent to the outside and comply with Reference Standard RS-13 requirements of the New York City Building Code.
3. Units shall have a fire-suppression system complying with Reference Standards RS 13-2 and RS 13-3 with open heads and capable of simultaneous discharge and manual release. The fire-suppression system exclusively used for cooking equipment shall be filed with the Building Department and examined and approved by the Fire Department.
4. Adequate supply of fresh air shall be provided into room or space enclosing equipment for unit ventilation and combustion requirements.
5. The installation shall not interfere with accessibility for operation and servicing.
6. For grease removal, suitable baffle type grease filters, MEA-accepted, shall be installed.
7. Approval of electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
8. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
9. 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 the New York City Building Code.

Final Acceptance April 18, 2008
Examined By Donald 