



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 390-07-E

Manufacturer: Schwank Ltd.
5285 Bradco Blvd.
Mississauga, Ontario L4W 2A6
CANADA

Trade Name(s): Schwank

Product: Gas-fired infra-red radiant construction heater
MEA Index #410-60 – Radiant Heaters

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

Prescribed Test(s): RS 14-6 (ANSI Z83.6)

Laboratory: Canadian Standards Association

Test Report(s): CSA Certificate of Compliance #FBR112451-159999,
issued March 31, 1999.

Description: The gas-fired infra-red heater, Schwank **model SCH 90 N**, is used as fixed-mounted construction heater for ventilated areas of buildings and structures under construction. The unit is equipped with a mantle, filter, venture assembly, pilot burner and regulator assembly. The heater is designed and approved for use as construction heater in accordance with the standards of ANSI Z83.7-2000. Unit may be suspended from ceiling using a chain and mounting hardware. When hanging from joists/beams, the 24 inches clearance to combustibles must be maintained and measured from the bottom underside of the joist or beam as per the drawing in the manual. Model number with heat input rating is listed below:

Model No.	Input Rating (Btu/hr)
SCH 90 N	90,000 (normal altitude)

Note: Minimum clearances to combustible construction shall be as follows:

Sides – 48 inches; Rear – 48 inches; Front – 48 inches,
Top – 24 inches, Floor – may be combustible.

Terms and Conditions: The above infrared radiant heaters are accepted with the following conditions:

1. Heaters are for heating building or structure under construction only where flammable gases or vapors are not generally present.
2. Heaters shall be fired by natural gas with rigid gas piping installation only.
3. Heaters shall be installed in well-ventilated spaces.
4. Minimum installed clearances to combustible construction shall be as indicated above.
5. All installations/connections shall be approved and tested by the Plumbing Division of the New York City Department of Buildings.
6. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
7. The heaters shall not be operated in rain, high-wind and dusty conditions, and must be installed in such a way that it is not directly exposed to water spray.
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 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 April 15, 2008

Examined By Siun Derfudom

