



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

## 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 548-06-E**

**Manufacturer:** Quantum Group Inc., 7737 Kenamar Court, San Diego, CA 92121

**Trade Name(s):** Quantum Group, Inc.

**Product:** Costar carbon monoxide system detector

**Pertinent Code Section(s):** Subchapter 17, Reference Standard RS-17

**Prescribed Test(s):** UL 2075 and UL 2034

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** UL File E186246, Project 98NK5374, issued March 24, 2000, revised May 4, 2005

**Description:** Model 12-24SIR carbon monoxide alarm is a microprocessor-controlled sensor, designed to operate with either 12 or 24 VDC. The unit is designed to respond to carbon monoxide levels of 70PPM, 150PPM and 400PPM within 60-240, 10-50 and 4-15 minutes, respectively.

The unit has terminals for power and 2 form C relay contacts for alarm and trouble connection to any UL-listed control panel

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections Letter dated November 30, 2006, F.P. Index #0611004A.

**Terms and Conditions:** The above-described unit is accepted on condition that:

1. All uses, configurations, arrangements and functions, application and installations comply with all applicable provisions of New York City Building Code, specifically Subchapter 17, and with Reference Standards RS17-3 and RS17-14.
2. The installation and spacing shall be in accordance with 1RCNY §28-02, manufacturer's recommendation, and UL standard.
3. All audible signaling devices shall have a distinct sound for carbon monoxide gas alarm from any fire alarm produced by that building's fire alarm system.
4. The detector shall be used only with listed and approved/accepted control panels and accessories.
5. Underwriters Laboratories, Inc.'s listing requirements and limitations shall be complied with.
6. Manufacturer's maintenance, testing procedures and limitations shall be complied with.
7. 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 Building Code.

Final Acceptance December 14, 2006

Examined By Donald [Signature]