



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 12-05-E Vol. II

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

Trade Name(s): Electronic Control Systems, Inc.

Product: Ultraguard Carbon Monoxide Detector Model CODET 12-24.

Pertinent Code Section(s): 1 RCNY 28-02, LL 7/2004, RS 17-13, RS 17-14.

Test(s): UL 2017, UL 2034, UL 2075.

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File E186246, Project 98NK5374, March 24, 2000. UL letters dated May 4, 2005 and June 7, 2005. UL Multiple Listing File No. E198013, issued June 26, 2002, revised June 7, 2005.

Description – The UltraGuard Carbon Monoxide detector is manufactured by Quantum Group Inc., as Model 12-24SIR and multiple-listed by the UL with UltraGuard as Model Ultraguard CODET 12-24.

Quantum Group Model No.	Electronic Model No.	Description	Testing Lab. Files
12-24SIR	UltraGuard CODET 12-24	12 or 24 VDC Carbon Monoxide (CO) detector with non-latching dry contact and sounder rated for 85 dB @ 10 feet.	UL 2075, UL 2034, ML E198013

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 August 26, 2005, F.P. Index No. 0508011.

Terms and Conditions: The above units are accepted, provided that all uses, configurations, arrangements and functions, applications, and installations shall comply with all applicable provisions of New York City Building Code, specifically Subchapter 17, and Reference Standards RS 17-3, 17-13, and 17-14. Further, the installation and power supply shall be in accordance with 1RCNY §28-02, and on further condition that:

1. The above products shall be installed as system CO detector/alarm and shall be used only with listed and approved control panels and accessories with which compatibility has been determined by the Engineer of Record or a UL test report.
2. The activation of carbon monoxide detector shall send a signal to control panel without delay and shall sound a local alarm. All audible notification devices shall have a distinct sound for carbon monoxide gas alarm from any fire alarm produced by the fire alarm control panel(s).
3. A label indicating the date of replacement of the CO alarm shall be affixed to each Ultra Guard CODET 12-24 detector.
4. UL and manufacturer's maintenance, installation & testing procedures and limitations shall be complied with.

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 5, 2005
Examined by Donald Gauffred (D)