

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in Accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, F.A.I.A., Commissioner

**MEA 12-05-E
Report of Material and Equipment Acceptance Division**

Manufacturer- Electronic Control Systems, LLC., One Selleck Street, Norwalk, CT 06855.

Trade Name- UltraGuard.

Product- Carbon Monoxide Safety Systems, Model 12V.

Pertinent Code Sections – 1 RCNY 28-02, 28 RCNY 12, LL 7/2004, RS 17-13 (UL 2034), RS 17-14 (NFPA 720 with New York City modifications), RS 17-15 (UL 2075), RS 17-5 (NFPA No. 72/1993 with New York City modifications)

Tests – UL 2017, UL 2034, UL 2075.

Laboratory – Underwriters Laboratories Inc.

Test Reports – File S8094, Project 01ME23971, issued December 3, 2002. File S8094, Project 04ME13062, issued November 9, 2004. Multiple Listing File E198013, issued June 26, 2002, revised August 28, 2003.

Description- The UltraGuard Carbon Monoxide Safety Systems are manufactured by Electronic Control Systems LLC. The detectors are manufactured by Quantum Group Inc. and multiple listed by the UL with the UltraGuard control panels.

Model No.	Description	Testing Lab. Files
CO-12VDC	12 VDC CO detector with non-latching dry contact and sounder rated for 85 dB @ 10 feet	UL 2075, UL 2034, ML E198013
UltraGuard 12VDC	12 VDC Carbon Monoxide Alarm Interface, Model SM	S8094 Vol. 1 and Vol. 2

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 April 6, 2005, F.P. Index No. 0501024B.

Recommendations - That the above units be accepted on condition that:

1. 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 spacing shall be in accordance with manufacturer's recommendation and 1RCNY §28-02.
2. The above referenced products when connected to an approved fire alarm system shall be powered and supervised by the fire alarm control panel. When the furnace shut down feature is employed, the portion of wiring from the Ultra Guard 12V to furnace shall be in accordance with the requirements of New York City Electrical Code.
3. Power supply and installation of Ultra Guard CO-12VDC carbon monoxide detectors when installed as single/multiple station alarms shall comply with the requirements of 1RCNY §28-02 Section (d).
4. The above products shall be used only with listed and approved fire alarm control panels and accessories with which compatibility has been determined by the Engineer of Record or a UL test report.
5. The activation of 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.
6. A label indicating the date of replacement of the CO alarm shall be affixed to each Ultra Guard CO-12VDC detector.
7. UL and manufacturer's maintenance, 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 May 24, 2005.
Examined by Donald J. [Signature]