



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
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Lancaster, FAIA, Commissioner (212) 566-
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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 23-04-E

Manufacturer: Amico Corporation, 85 Fulton Way, Richmond Hill, Ontario, Canada L4B 2N4

Trade Name(s): A2M-E-10, 20, 30, 40, 50, 60

Product: Medical Gas Master Alarm Panel

Pertinent Code Section(s): RS 16, RS 17, NFPA 99

Prescribed Test(s): UL 1069
Underwriters Laboratories Inc

Laboratory:

Test Report(s): UL File No. E156074, Project No. 96NK22945, issued May 30, 1997. UL letter dated January 7, 2004.

Description - The Master Alarm system shall be an Amico Alert-2 Series. Each module shall be microprocessor based and field adjustable. A maintenance mode shall, when enable, latch the alarms, requiring a reset after the alarm condition has been rectified. This is to assist in tracking down wiring problems or faulty field devices. The master alarm shall identify the last alarm condition by flashing, while the already acknowledged alarm shows a continuous red signal.

A repeat alarm function shall, when enabled, be capable of turning on the buzzer again, after a preset time, if the fault condition has not been rectified.

Each module shall handle 10 functions and up to 6 modules can be accommodated per standard box for a total of 60 functions. The unit is a self-diagnosing, open/closed circuit design to monitor external dry contact signals from remote equipment in the central supply system for all medical gas systems. Example: Oxygen, Nitrous Oxide, Vacuum, Medical Air, Nitrogen, Waste Anesthetic Gas Disposal and Carbon Dioxide.

Master alarms shall be modular in construction and shall be capable of adding extra modules in the field. If an alarm occurs, a "RED" alarm LED light shall illuminate and the audible alarm shall sound. Pushing the "ALARM MUTE" button will silence the audible alarm, but the unit will remain in alarm condition until the problem is rectified.

A green "POWER" light shall provide indication that the unit is energized. In addition "TEST" and "ALARM MUTE" buttons shall be easily accessible to operated and test the unit.

Every module shall be field upgradeable to allow for interfacing to a building management system with the addition of an add-on circuit board, which plugs into the master module.

The box shall be fabricated from 18 gauge [1.3 mm] steel and the box mounting brackets shall be adjustable to accommodate for different thickness of the wall.

Input power to the Amico Alert-2 alarm is: 115 V AC to 220 V AC, 50 to 60 HZ.

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 July 8, 2005, F.P. Index No. 0401029A.

Terms and Conditions - The above units be accepted on condition that:

1. All uses, configurations, arrangements, and functions, application and installations shall comply with the provisions of New York City Building Code, specifically Subchapter 17-3. Further, the installation shall be in accordance with the manufacturer's recommendation, and UL Standard.
2. The installation shall meet the applicable requirements of NFPA 99 of 1987.

All shipments and deliveries of wood joists shall be provided with a permanent marking, suitably placed, certifying that the equipment shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance

September 15, 2005

Examined By

Donald L. [Signature]