



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
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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 557-06-E

Manufacturer: Automated Logic Corporation, 1150 Roberts Blvd., Kennesaw, GA 30144-3618

Trade Name(s): Automated Logic Corporation

Product: Smoke-control system

Pertinent Code Section(s): Subchapter 17 & Reference Standard RS 13 & RS 17.

Prescribed Test(s): UL 864

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): File S6002, Vol. 3, Section 1, Project 04NK05221, issued February 10, 2006.

Description: Smoke evacuation and control system, Model WebCTRL. The following is a description of the modules that may be utilized to form a WebCTRL smoke control system.

Module Model No.	Description
LGR1000	BACnet Router
ME-LGR200	BACnet Router
SE6104	Control Module
ZN253	Control Module
ZN551	Control Module

Engineering Considerations:

General – The devices described in this report, when connected together in combination with listed peripherals (fans, dampers, etc.) form a smoke-control system. The system is intended to perform smoke-control functions for a commercial or industrial building.

Smoke-control strategies are activated automatically in response to a fire alarm signal via the RS232 communication line of the listed FACP by Simplex, Model 4100, or Edwards, Model EST3. Annunciation of all activations is displayed at MEA-approved (387-91-E) (Smoke-Control Equipment, Fire Fighters' Smoke Control Station (FSCS), H.R. Kirkland (Model RSC-GR). The output relays, analog and digital outputs operate fans and dampers for exhausting smoke and pressurizing areas to provide a tenable condition during a fire. The system is suitable for providing zoned smoke pressurization and must be used as non-dedicated equipment.

The fan and dampers are configured in such a way as to exhaust or supply air to critical areas for the purpose of exhausting smoke or pressurizing areas so as to prevent the migration of smoke during a fire.

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 2, 2007, F.P. Index #0611012A.

Terms and Conditions: The above units are accepted under the following conditions that:

1. All uses, configurations, arrangements and functions, application and installations shall comply with all applicable provisions of New York City Building Code, specifically Subchapters 13 & 17, and New York City Electrical Code. Further, the installation shall be in accordance with manufacturer's recommendations and UL standards and NFPA-72, 2002 Edition, Section 6.15.5.
2. Firefighters smoke control station (FSCS) shall have visual display of mechanical/HVAC system diagrams that aid the responding firefighters/emergency personnel in their smoke control strategy.
3. FSCS shall be located in the lobby of the building on the entrance floor and shall be easily accessible to the responding firefighters/emergency personnel. In buildings where a fire command station is installed, FSCS shall be at location not greater ten (10) feet from the fire command station.
4. All communication wiring from fire alarm control panel to the smoke control system shall be plenum-rated and shall be installed in RMC, IMC or EMT, and shall be monitored for integrity.
5. Ancillary communication to person(s) of interest, such as a building manager, who wants to be informed for unusual BMS status, may be permitted under the condition that such communication is for annunciation purposes only and no control of any fire alarm and/or smoke control system shall be permitted remotely. This shall be clearly stated in the installation manual.

6. All control panel(s) and FSCS shall be of MEA- or BS&A-approved type.
7. Underwriters Laboratories Inc.'s listing requirements and limitations shall be fully complied with.
8. Overall system configuration and installation are subject to Fire Department inspection and testing.
9. 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 those tested and acceptable for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance April 16, 2007.
Examined By Donald [Signature]