



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 113-05-E Vol. 2

Manufacturer: Kidde-Fenwal, Inc., 400 Main Street, Ashland, MA 01721

Trade Name(s): (a) Fenwal (b) Kidde

Product: Fire alarm equipment

Pertinent Code Section(s): 27-968 through 27-981 Reference Standard RS 17 and RS 17-5

Prescribed Test(s): UL Standard 864

Laboratory: Underwriters Laboratories, Inc.

Test Report(s):

1. UL Reports: UL S2422, Vol. 13, Sec. 1, Project 04NK20837 dated January 10, 2005 (Control Unit System), revised February 23, 2006.
2. UL File S3743, Vol. 2, Section 1, Project 89NK1113/S2575, dated February 9, 1989, last revised January 17, 2005 (Control Unit Accessories)

Description – The FENWAL, Model FENWALNET 6000 and the KIDDE, Model ARIES are microprocessor based fire/alarm/suppression control units. They provide automatic fire detection, manual fire alarm, waterflow, sprinkler supervisory, releasing device service: non-coded signaling. The control units are designed for use with the series of SmartOne distributed intelligence detector and loop devices.

The distributed intelligent devices provide addressable smoke and heat detectors, along with contact input and relay outputs via a single, tow wire communication loop. The addressable contact input devices may be used to monitor normally open and normally closed sprinkler supervisory contacts. The addressable contact output devices are designed to interface with devices, which are controlled by the fire alarm system.

The Network Interface Card (NIC) contains the circuitry for data communications between the networked FENWALNET 6000's or ARIES' control units. One NIC is required for each networked control unit, and the control units transmit and receive messages via RS-485 format.

MODEL/ PART NO.	DESCRIPTION
74-600000-510	FENWALNET 6000 Control Unit (Red)
74-600000-515	FENWAL Remote Display Control Module (RCDM)
06-129827-003	FENWAL RDM/RDCM Enclosure
74-600000-514	FENWAL Battery Box
74-600000-009	FENWAL Network Interface Card (NIC)
76-600000-001	KIDDE ARIES Control Unit
76-600000-005	KIDDE Remote Display Control Module (RDCM)
06-129828-002	KIDDE RDM/RDCM Enclosure
76-100010-001	KIDDE Battery Box
76-600000-009	KIDDE Network Interface Card (NIC)
06-220023-001	In-Line Releasing Device

Pursuant to "Promulgation of the Rules relating to Materials and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections letter dated December 11, 2006, F.P. Index #0605063A.

Terms and Conditions: That the above units are accepted on condition that:

1. All uses, configurations, arrangements and functions, application and installations shall with the provision of the New York City Building Code, specifically Subchapter 17, and Reference Standard 17-3, 17-3A, 17-3 B, 17-3C and 17-5. Further, the installation shall be in accordance with the manufacturer's recommendation, NFPA 72 and UL Standard.
2. The control units, when used with central office communicator or a transmitter, the installation and operation of the equipment and devices shall comply with 3RCNY §17-01. It shall have the capability of transmitting separate and distinct signals to indicate manual pull station alarm, automatic detection alarm, sprinkler waterflow alarm, supervisory signal indications and trouble indications.
3. The above referenced control units when installed with releasing feature shall comply with all applicable sections of 3RCNY Chapter 15 and NFPA Standards (UL File S2422, Vol. 13, Sec. 1) also.

4. When used for carbon dioxide (CO2) releasing applications, the following shall be complied with:
 - a. All Safety precautions stated in NFPA12 shall be strictly followed.
 - b. Provide signs at every entrance to protected space as follows:

WARNING: DO NOT ENTER THE PROTECTED PREMISE SPACE UNLESS PHYSICAL LOCKOUT OR OTHER SAFETY PROCEDURES ARE FULLY COMPLETED. DO NOT USE SOFTWARE DISABLE FUNCTIONS IN THE PANEL AS LOCKOUT.

5. The connection of security/burglar devices and equipment to this fire control panel is prohibited. A sign must be provided to indicate same.
6. Installation of pre-recorded evacuation messages in the fire alarm control panel would require a prior approval from the Department.
7. The RDCM Models 74-600000-515 and 76-600000-005 are acceptable under the condition that all controls of fire alarm (system control switches) shall be removed from these units except the "ACKNOWLEDGE" function key.
8. All fire alarm equipment shall be red in color.
9. The above referenced fire alarm equipment shall be used only with listed and approved/accepted fire alarm equipment and accessories with which the compatibility has been determined by the Engineer of Record or a UL test report.
10. 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 accepted for use, as provided for in Section 27-131 of the New York City Building Code.

Final Acceptance January 9, 2007
Examined by Donald [Signature]