



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
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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 134-95-E Vol.5

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

**Trade Name(s):** FENWAL®

**Product:** Smoke Detector for Duct Applications.

**Pertinent Code Section(s):** 27-968 through 27-977; Reference Standard RS 13 and RS 17.

**Prescribed Test(s):** UL Standard 268A.

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** UL Reports: UL S1064, Project 95NK3479, Volume 8, Section 2, Issued April 14, 1995, Revised November 10, 2005.

**Description** – The Fenwal Models DH-60 and DH-60 (2W) Air Duct Smoke Detectors are designed for detecting particles of combustion in air handling systems. Upon smoke detection the unit can control a variety of devices like HVAC fans and dampers thereby preventing the spread of smoke throughout a facility. High amperage relay contacts are provided for controlling such devices in the event of a fire. Supervisory contacts are also provided for signaling system faults.

The Duct Smoke Detector accepts CPD-7051D, CPD-7054D ionization or PSD-7155D, PSD-7157D photoelectric smoke detectors. A transparent LEXAN cover over the detection chamber allows inspection of the detectors.

The detector can be operated from supply voltages of 24 VDC, 24 VAC, 120 VAC, 220 VAC, or 240 VAC.

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 January 18, 2006, FP Index No. 0601008.

**Terms and Conditions:** That 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 Buildings Code, specifically Subchapter 17, and Reference Standards 17-3 and 17-5. Further, the installation of these detectors shall be in accordance with the manufacturer's recommendation and UL Standard 268A.
2. The above products shall be used only with approved/accepted control panels with which compatibility has been determined by the Engineer of Record or a UL test report.
3. Periodic maintenance and sensitivity tests shall be conducted in accordance with the regulations of Fire Department.
4. UL and manufacturer's maintenance 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 accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance March 23, 2006  
Examined by Donald [Signature]