



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

Report of Materials and Equipment Acceptance Division

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 405-05-E

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

Trade Name(s): FENWAL

Product: Smoke detectors, Ionization type models CPD-7054, and CPD-7054D, Photoelectric type models PSD-7157, and PSD-7157D, and accessory equipment Smoke Detector Sensitivity Tester model DST-003

Pertinent Code Section(s): Article 17 and Reference Standard RS-17.

Prescribed Test(s): UL268 Standard, 4th Edition, and UL 268A Standard, 3rd Edition.

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File S2438, Vol. 3, Sec. 1, project 04NK20448 dated August 3, 2005. UL File S1064, Vol.22, Sec. 1, Project 04NK20448, dated August 4, 2005. UL File S1064, Vol. 23, Sec.1, Project 04NK20448, dated August 3, 2005

Description – The ionization Smoke Detector models CPD-7054 and CDP-7054D are dual chamber ionization type detectors designed to sense both visible and invisible products of combustion.

The Photoelectric Smoke Detector models PSD-7157 and PSD-7157D respond to a broad spectrum of both flaming and smoldering fire conditions. They incorporate all solid-state low-voltage circuitry featuring SMT (Surface Mount Technology) and are designed for 2-wire and 4-wire installation. The products covered are intended to detect an abnormal amount of smoke density in the area in which they are installed and to signal a fire alarm control panel during this condition. Each unit has two LED's mounted on a

printed wiring board inside an enclosure which has an opening to the outside air. These devices are intended for installation on a vertical surface or the ceiling.

The Smoke Detector Sensitivity Tester model DST-003 is a handheld wireless Sensitivity Tester that can measure the percent per foot obscuration sensitivity of Ionization Smoke Detector Models CPD-7054 and CPD-7054D, and Photoelectric type models PSD-7157, and PSD-7157D.

The units are intended to be installed in accordance with the UL listing and the manufacturer's installation instructions which are enclosed with each detector base and in a manner acceptable to the local inspection authority having jurisdiction. The units are also intended to be installed in accordance with NFPA No. 72 Standard titled "National Fire Alarm Code".

The Fire Alarm equipment is UL Listed as follows:

Model No.	Description	Testing Lab reports
CPD-7054	Ionization Smoke Detector	UL File S1064, Vol.22, Sec.1
CPD-7054D	Ionization Smoke Detector	UL File S1064, Vol.22, Sec.1
PSD-7157	Photoelectric Smoke Detector	UL File S1064, Vol.23, Sec.1
PSD-7157D	Photoelectric Smoke Detector	UL File S1064, Vol.23, Sec.1
DST-003	Smoke Detector Sensitivity Tester	UL File S2438, Vol.3, Sec. 1

Pursuant to "Promulgation of the Rules relating to Material and Equipment and Application Procedures", dated, November 5, 1992. The Bureau of Fire Prevention has no objections letter dated 11/15/05, F.P. Index # 0511010.

Terms and Conditions: That the above units are accepted on conditions that all uses, configurations, arrangements, functions, applications, and installations comply with the provisions of New York City Building Code, specifically subchapter 17 and Reference Standard RS 17-3. Further, the installation shall be in accordance with the manufacturer's recommendations. These units shall be used only with listed and approved devices with which the compatibility has been determined by a nationally recognized laboratory test report and under the conditions of MEA approvals and on further condition that:

All shipments and devices 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 in Section 27-131 of the Building Code.

Final Acceptance 5/1/06
Examined by Shyam. Prasad