

CITY OF NEW YORK  
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner  
MEA 148-03-E

Report of Material and Equipment Acceptance Division

Manufacturer – System Sensor, 3825 Ohio Avenue, St. Charles, Illinois 60174.

Trade Name(s) – System Sensor.

Product – Fire Alarm Equipment.

Pertinent Code Section(s) – RS 17-3, RS 4-6 (886-89-BCR).

Laboratory – Underwriters Laboratories, Inc.

Test Report(s) – UL File S911, Project 93NK19164, issued December 17, 1993, revised September 6, 2002.

Description – Smoke detector Model 1251B is intended to detect an abnormal amount of smoke density in the area in which it is installed and to operate an alarm signal during this condition. Each unit consists of resistors, capacitors, diodes, transistors, Led, and photoelectric chamber, mounted on a printed wiring board inside an enclosure, which has an opening to the outside air.

This unit is for use with any listed compatible base. The base/head combination is for use with any listed compatible control unit. The amount of smoke observed by the detector is reported to the panel by varying the width of Pulse 4. As smoke is encountered, the width of this pulse increases. The maximum width of the pulse for Model 1251B shall be less than or equal to 2120 us at the control panel threshold. The Model 1251B is suitable for open area protection at air velocities up to 1200 ft/min.

Model Number	Description
1251B	Ionization Smoke Detector

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 June 9, 2003, F.P. Index No. 0305037.

Recommendation- That the above equipment be accepted on condition that 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 Standard 17-3.

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 an accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance

Examined by

June 23, 2003  
