



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 219-02-E Vol. VI

Manufacturer: System Sensor, A Division of Pittway, 3825 Ohio Avenue, St. Charles, IL 60174.

Trade Name(s): Fire Control Instruments

Product: Fire Alarm Equipment

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

Prescribed Test(s): UL 268
Underwriters Laboratories Inc.

Laboratory:

Test Report(s): Multiple listing files: 1. S2332 issued September 10, 1991, revised June 24, 2005. 2. S1913 issued May 17, 2004, revised June 1, 2005. 3. S1913 issued December 2 1986, revised June 1,2005.

Description: Models ASD-PL2F, ASD-PTL2F, and MCS-ACCLIMATE2F are photoelectric smoke detectors which are intended to detect an abnormal amount of smoke density in the area in which it is installed and transmit a signal proportional to the amount of smoke being sensed to a control panel.

ASD-PL2F is identical to the Models ASD-PTL2F, and MCS-ACCLIMATE2F except that the Model ASD-PL2F does not have a supplemental heat detector.

The ASD-FIL TREXF employs a small-supervised air intake fan that draws air into the detection chamber through a set of filters. The sensor portion of this product receives its power from the control panel initiating device circuit, while the power for the intake fan comes from a separate power supply.

Model ATD-HL2F is an electronic fixed temperature heat detector. This product is intended to detect an abnormally high temperature.

Smoke detector Model ASD-1 L2F 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 ASD-1L2F shall be less than or equal to 2120 us at the control panel threshold. The Model ASD-1 L2F is suitable for open area protection at air velocities up to 1200 ft/min.

System Sensor Model No.	FCI Model No.
2251B	ASD-PL2F
2251 TB	ASD-PTL2F
2251TMB	MCS-ACCLIMA TE2F
1251B	ASD-IL2F
5251B	ATD-L2F
5251 RB	ATD-RL2F
FTX-P1	ASD-FIL TREXF
5251H	ATD-HL2F
B210LP	ADB-FLF
B301 B-FTX	ADB-FIL TREXF
DH200PL	ADPF
DH200RPL	ADP-RF
BEAM200	ABD-RT2F
BEAM200S	ABD-2F

Description - That the above units be accepted on condition that All uses, locations and installations, comply with the New York City Building Code, specifically Subchapter 17, and with the Reference Standards RS 17-3 through 17-5, inclusive as applicable including the NFPA as appropriate, the UL Listing, manufacturer's instructions, the Fire Department Directives, and with the Electrical Code of the City of New York. Further, the installation and spacing shall be in accordance with the manufacturer's recommendation, NFPA 72 and UL Standard. Periodic sensitivity tests where required shall be conducted in accordance with the regulations of the Fire Department.

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 Building Code.

Final Acceptance September 12, 2005
 Examined By Donald J. [Signature]