

**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.

Richard C. Visconti, R.A., Acting Commissioner

**MEA 200-00-E
Report of Material and Equipment Acceptance Division**

**Manufacturer - Systems Sensor, A Division of Pittway, 3820 Stern Avenue,
St. Charles, IL. 60174**

Trade Name(s) - System Sensor, Honeywell.

Product - Fire Alarm Equipment.

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

Test(s) - UL 864.

Laboratory - Underwriters Laboratories, Inc.

Test Report(s) - UL File S911, Project 99NK37501, Volume 31, Section 3, Issued June 9, 1999, revised April 14, 2000 and UL letter dated May 23, 2000.

Description - Honeywell's Photoelectric smoke detector as follows:

Model Number	Description
TC844A1007	Photoelectric Smoke Detector

The TC844A1007 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.

The unit is intended for use with any listed and MEA approved compatible base. This base/head combination is for use with any listed and MEA approved 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 control panel alarm threshold range for the TC844A1007 is a PW4 of 775 to 1218 us.

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 13, 2000, F.P. Index No. 0006008.

Recommendation - That the above units be accepted on conditions that all uses, arrangements, functions, applications, locations and installations comply with the New York City Building Code, specifically Subchapter 17, and Reference Standards RS 17-3 as applicable including the NFPA as appropriate, the UL listing, the manufacturer's instructions, the Fire Department Directives, and with Electrical Code of the City of New York.

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 October 24, 2000
Examined By Mark Jacoby