

**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 214-02-E**

Report of Material and Equipment Acceptance Division

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

Trade Name(s) – Honeywell

Product –Fire Alarm Equipment, Photoelectric Smoke Detectors

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

Prescribed Test(s) – UL 268

Laboratory – Underwriters Laboratories, Inc.

**Test Report(s) – UL File S911 Project-99NK37501, Volume 51, section 1 dated
January 12, 2000 and revised 7/24/2000**

Description –System Sensor control unit accessory modules as follows

| Model Number | Description |
|---------------------|--------------------|
|---------------------|--------------------|

| | |
|---|--------------------------------------|
| TC806B1076, TC806B1084, TC840M1021 | Photoelectric Smoke Detectors |
|---|--------------------------------------|

Models TC806B1076, TC806B1084 and TC840M1021 are a plug-in type smoke sensor that combines a photoelectric sensing chamber with addressable analog communications. The sensor transmits an analog representation of smoke density over a communication line to a control panel. FlashScan Technology is a new communication protocol that enhances the speed of communication between analog intelligent devices. Rotary-decade switches are provided for setting the sensor's address. Two LED's on the sensor are controlled by the panel to indicate sensor status. An output is provided for connection to an optional remote LED annunciator (P/N RA400Z). Models TC840M1021 and TC806B1084 combine a photoelectronic sensing chamber and 135 F (57.2 C) fixed temperature heat 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 July 31, 2002 F.P. Index #0207017.

Recommendation- That the above units 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 and UL listing. 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 Fire Department. These units shall be used with a compatible UL listed and MEA approved base and Fire Control Panels. The compatibility must be specified or determined by a UL test report or the Engineer of Record

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 FEBRUARY 28 2003
Examined by Donald J. [Signature]