

**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 the Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner

**MEA 184-02-E
Report of Material and Equipment Acceptance Division**

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

Trade Name – Honeywell Inc., System Sensor.

Product – Fire Alarm Equipment.

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

Prescribed Tests – UL 268.

Laboratory – Underwriters Laboratories, Inc.

Test Reports – UL File S911, Vol. 76, Sec. 1, Iss. December 19, 2001 and UL letter dated May 29, 2002.

Description – System Sensor control unit accessory models as follows:

Model Number	Description
TC846A1005	Smoke Detector

Model TC846A1005 is a plug-in type smoke sensor that uses a laser based sensing chamber. The sensor uses analog-addressable communications to transmit smoke density and other information to the control panel. Rotary-decade switches are provided for setting the sensor's address. Two LEDs on the sensor are controlled by the panel to indicate sensor status. An output is provided for connection to an optional remote LED annunciator. The TC846A1005 requires compatible addressable communications to function properly. Connect these sensors to listed-compatible MEA approved control panels only.

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 17, 2002, F.P. Index 0206028.

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 Building Code, specifically Subchapter 17, and with the Reference Standards RS 17-3 and the UL Listing. Further, the installation shall be in accordance with the manufacturer's recommendation, NFPA 72 and UL Standard. The TC846A1005 smoke detector shall be installed with a MEA approved compatible addressable control panel.

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 