



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 73-92-E Vol. 37

Manufacturer: Air Products and Controls Inc., 1749 East Highwood, Pontiac, MI 48340

Trade Name(s): Air Products and Controls Inc.

Product: Smoke-automatic fire detectors – duct application

Pertinent Code Section(s): Reference Standard RS 17 and Subchapter 17

Prescribed Test(s): UL 268A

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): File S2829, Volume 9, Project 06NK15937, dated October 31, 2006

Description: HS-100, 4-wire series duct smoke detectors provide early detection of smoke and products of combustion present in air moving through an HVAC duct supply, return, or both in commercial, industrial and residential applications. These devices are designed to prevent the re-circulation of smoke in areas by the air-handling system's fans and blowers. Complete systems may be shut down in the event of smoke detection, via the building's fire alarm control panel (FACP).

Model No.	Description
HS-100-N	4-Wire Ionization Duct Smoke Detector
HS-100-P	4-Wire Photoelectric Duct 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 December 25, 2006, F.P. Index #0612038.

Terms and Conditions: The above units are accepted on condition that:

1. All uses, configurations, arrangements and functions, application and installations comply with the provisions of New York City Building Code, specifically Subchapters 13 & 17 and Reference Standards 17-3 & 17-5
2. Installation of these detectors shall be in accordance with the manufacturer's recommendations and UL standard 268A.
3. The above products shall be used only with approved/accepted control panels with which compatibility has been determined by the Engineer of Record or a UL test report.
4. Periodic maintenance and sensitivity tests shall be conducted in accordance with the regulations of Fire Department and manufacturer's recommendations.
5. Underwriters Laboratories, Inc.'s listing requirements and limitations shall be complied with.
6. 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 that tested and acceptable for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance January 16, 2007.
Examined By Donald [Signature]