

**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.

Satish K. Babbar, R.A., Acting Commissioner

**MEA 73-92-E Vol. XXVI  
Report of Material and Equipment Acceptance Division**

Manufacturer- Air Products and Controls, Inc., 1749 E. Highwood, Pontiac, MI 48340

Trade Name(s) - Air Products & Controls, Inc., Maple Chase Co.

Product – Smoke automatic fire detectors, duct application.

Pertinent Code Section(s) - Reference Standard RS 17.

Test(s) - Compliance with UL 268A.

Laboratory - Underwriters Laboratories, Inc.

Test Report - File S2829, Project 00NK30346 dated December 27, 2000, UL letter dated January 10, 2001 and ML File No. S4677, issued March 12, 1999 and revised December 13, 2000.

Description – Firex Duct Smoke Detector 2650-660 ION (SM-501-N ION) and Firex Duct Smoke Detector 2650-661 PHOTO (SM-501-P PHOTO). The 2650-660 ION (SM-501-N) 4-wire ionization type air duct smoke detector and the 2650-661 PHOTO (SM-501-P) 4 wire photoelectric air duct smoke detector. They provide early warning of smoke moving through air ducts and intended to prevent the spread of smoke through a protected area. Operating power may be 230 VAC, 115VAC, 24VAC/DC. (2) alarm contacts and (1) trouble contact.

The detectors are multiple listed as follows:

Basically listed for Air Products & Controls, Inc.	Multiple Listee Maple Chase Co. Downer Grove, IL
SM-501-N	2650-660
SM-501-P	2650-661

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 January 24, 2001, F.P. Index #0101039.

Recommendation - That the above units be accepted on conditions that all uses, configurations, arrangements and functions, application and installations comply with the New York City Buildings Code, specifically Subchapter 17 and with Reference Standards RS 17-3. Further, the installation shall be in accordance with the manufacturer's recommendation, NFPA 72, UL Listing and the UL Standard. Models 2650-661 and 2650-660 duct detectors shall be used only with listed and approved control panels with which the compatibility has been determined by a UL test report.

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 5, 2001  
Examined By Mark J. [Signature]