NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

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. 32

Manufacturer:	Air Products and Controls Inc., 1749 E. Highwood, Pontiac, MI 48340
Trade Name(s):	Harrington Signal Inc., Mircom Technologies Ltd.
Product:	Automatic fire detectors, duct application
Pertinent Code Section(s):	Reference Standard RS 13 and RS 17, and Subchapter 17
Test(s):	UL 268A
Laboratory:	Underwriters Laboratories, Inc.
Test Report(s):	File S2829, Project 04NK26926 dated May 31, 2005; UL Letter dated May 31, 2005; ML File S6295, issued July 28, 2005; ML File No. S5541, issued January 26, 1994, revised August 16, 2004; ML File No. S6362, issued August 16, 2004, revised March 4, 2005; ML File No. S5541, issued August 16, 2004.

Description: IS819, IS820 Series duct smoke detectors and accessories are designed to provide early detection of smoke and products of combustion present in air moving through air ducts. They are designed for interconnection to the building's fire alarm system.

SL-D2W 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).

Original Manufacturer Model No.	Product	Harrington Signals Multiple Listee Model No.
RW-AA-N/P	Analog addressable air duct smoke detector ion and photo operates on 24 VDC with a compatible control panel.	IS819-N/P
RW-AR-N/P	Analog addressable air duct smoke detector ion and photo operates on 24 VDC. Two (2) alarm contacts at 10A	IS820-N/P
MB-SDR-S60	Sounder base utilizing an Apollo detector head is designed to operate in conjunction with UL listed fire detection control panels.	CS834
MB-SDR-XP95	Intelligent sounder base	IS821
MS-RA	Remote alarm LED	IS819/820-RA
MS-RA/P	Remote alarm LED and pilot LED	IS820-RAP
MS-RA/P/R	Remote alarm LED, pilot LED and push button test/reset switch	IS820-RAPR
MS-KA/R	Remote alarm LED and key-operated test/reset switch	IS820-KAR
MS-RD	Remote duct smoke detector LED	IS819/820-RD
MS-RH/P/A	Remote alarm horn, alarm LED and pilot LED	IS820-RHPA
MS-RH/KA/P/R	Remote alarm horn, alarm LED, pilot LED, key- operated test/reset switch	IS820-RHKAPR
MS-RH	Remote alarm horn	IS819/820-RH

Air Product and Controls, Inc. Pontiac, MI Model No.	Mircom Technologies Ltd. Vaughn (Toronto), ON Model No.
SL-D2W-N	MDH-SL2000I-2W
SL-D2W-P	MDH-SL2000P-2W

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 May 13, 2005 and October 18, 2005, F.P. Index #0502056A and F.P. Index #0510029.

Terms and Conditions: That the above units are accepted on condition that:

1. All uses, locations and installations comply with the New York City Building Code, specifically Subchapter 17 and Reference Standard 17-3.

2. Installation of these detectors shall be in accordance with the manufacturer’s recommendations, NFPA 72 and UL Standard 268A.

3. Products shall be used only with listed and approved 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 the Fire Department.

5. UL and manufacturer’s maintenance procedures 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 accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance October 11, 2006

Examined By Donald