

**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 Material and Equipment Acceptance (MEA) Division.

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

**MEA 12-92-E Vol. 14
Report of Material and Equipment Acceptance Division**

Manufacturer- Bosch Security Systems, 1300 Perinton Parkway, Fairport, New York 14450.

Trade Name- D7024 fire alarm control panel and complimentary associated devices.

Product- Fire Alarm Equipment.

Pertinent Code Sections- Sub-Chapter 17 Article 5 New York City Building Code.

Prescribed Tests- UL-864, UL-1481, UL-268.

Laboratory- Underwriters Laboratories Inc., 1655 Scott Blvd., Santa Clara 95050.

Test Report-

UL File No.	Project No.	Date issued	Date revised
S1871	97SC11368	October 21, 1997	May 13, 2003
S1871	00NK35265	January 30, 2001	----
S5579	01NK41687	March 29, 2002	----
S5172	92NK7988	August 27, 1992	November 10, 2004
S5579	97SC08884	October 20, 1997	May 4, 2001
S5579	01NK26118	June 29, 2001	----
S5579	97SC14135	July 1, 1999	May 19, 2004
S5579	96SC04524	October 3, 1996	December 23, 2003
S1871	99SC55573	November 17, 1999	December 19, 2003
S5579	99SC50618	August 9, 1999	December 17, 2003
S5537	01NK10687	May 17, 2001	August 20, 2001
S5579	97SC10348	Mar. 12, 2003	December 11, 2003
S3019	97NK26522	May 11, 1998	January 25, 2005
S3019	00NK24173	October 28, 2000	January 21, 2003
Multiple Listing File No.			
S5579		December 16, 1999	July 23, 2003
S4992		April 1, 1996	July 23, 2003

Description- The equipment listed is manufactured by Bosch.

Bosch No.	Product Description	UL File No.
D7024	Fire alarm control panels with built-in digital alarm communicator (DACT) expandable up to 8 zones	S1871, Vol. 4, Sec. 15
D7014	Class A adapter module	S1871, Vol. 4, Sec. 18
D7034	Four zone expander module	S1871, Vol. 4, Sec. 18
D7039	Multiplex (MUX) expander module	S1871, Vol. 4, Sec. 18
D7042B	Eight input remote module	S1871, Vol. 4, Sec. 18
D7044	Multiplex single input module	S5579, Vol. 3, Sec. 2
D7044M	Mini multiplex single input module	S5579, Vol. 3, Sec. 2
D7052	Multiplex dual input module	S5579, Vol. 3, Sec. 2
D7053	Multiplex input/output module	S5579, Vol. 3, Sec. 2
D7045	Addressable manual pull station	S5172, Vol. 1, Sec. 1
FMM7045	Multiplex addressable pull station	S5579, Vol. 3, Sec. 2
FMM7045D	Dual action multiplex addressable pull station	S5579, Vol. 3, Sec. 2
D7033	Keypad liquid crystal display	S5579, Vol. 1, Sec. 8
D7030X	LED Annunciator – 8 points – red	S5579, Vol. 3, Sec. 1
D7030X-S2	LED Annunciator – 2 yellow, 6 red	S5579, Vol. 3, Sec. 1
D7030X-S8	LED Annunciator – 8 yellow	S5579, Vol. 3, Sec. 1
D7031	Silence reset module	S5579, Vol. 3, Sec. 1
D7032	LED Annunciator – expander – 8 red	S5579, Vol. 3, Sec. 1
D7036	LCD Annunciator	S5579, Vol. 3, Sec. 1
D7038	Remote fire alarm system power supply & notification appliance circuit (NAC) expander board designed for up to 6 AMPS @ 24 VDC power limited	S5579, Vol. 1, Sec. 15
D185	Reversing polarity module	S5579, Vol. 1, Sec. 2
D132B	Reversing relay module smoke detector	S1871, Vol. 4, Sec. 17
D184A	Local energy city tie kit	S5579, Vol. 1, Sec. 17
D7048/B	Relay module w/enclosure	S5537, Vol. 1, Sec. 2
D7015	Class B to Class A notification appliance circuit (NAC) converter module	S5579, Vol. 1, Sec. 1
D7050	Photoelectric type smoke detector	S5172, Vol. 1, Sec. 2
D7050TH	Photoelectric type smoke detector with integral 135F heat detector	S5172, Vol. 1, Sec. 2
DD7050-B6	Detector mounting base	S5172, Vol. 1, Sec. 2

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 19, 2005, F.P. Index #0505006A.

Recommendation- That the above units be accepted on condition that:

- 1. Fire Alarm Control Panel Model D7024 must provide for a fail-safe operation. This feature must assure that control of doors, locks, ventilation fans, and elevator recall will not be rendered inoperable in the event of a fire or power failure. Model D7024 shall not be installed as a Fire Command Station.**

For other occupancies where installed as an IFA control panel, Style 4 wiring method would be accepted with a condition that the design shall provide for the installation of one isolator for each floor and at each Tee Tap. No more than 25 initiating devices or notification appliance units shall be acceptable for each isolator.

When used as a central office control communicator or a transmitter, the installation and operation of the equipment and devices shall comply with 3RCNY §17-01. It shall have the capability of transmitting separate and distinct signals to indicate manual pull station alarm, automatic detection alarm, sprinkler waterflow alarm, supervisory signal indications and trouble indications.

- 2. The connection of security/burglar devices and equipment to the fire alarm panel is prohibited. A sign must be provided to indicate same.**
- 3. Installation pre-recorded evacuation messages in the fire alarm control panel would require a prior approval from the Department.**
- 4. Annunciator models D7030X, D7030X-S2, D7030-S8, D7032 shall be used for display only. Alarm silence and reset module (D7031) shall not be employed with these models.**
- 5. LCD Annunciator model D7036 is acceptable under the condition that this unit shall be used to acknowledge the alarm and all control functions including alarm silence and panel reset shall be removed and/or disabled.**
- 6. LCD Keypad Model D7033 shall be used only with above referenced fire alarm panel D7024 and shall not be used as a remote annunciator.**

7. The above referenced fire alarm equipment shall be used only with listed and approved accessories with which the compatibility has been determined by the Engineer of Record or a UL test report.
8. All uses, configurations, arrangements, and functions, application and installations shall comply with the provisions of New York City Building Code, specifically Subchapter 17, and Reference Standard 17-3, 17-3A, 17-3B, 17-3C, and 17-5. Further, the installation shall be in accordance with the manufacturer's recommendation, NFPA 72 and UL Standard.

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 July 25 2005
Examined By Donald J. [Signature]