

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.

Patricia J. Lancaster, A.I.A., Commissioner
MEA 111-03-E

Report of Material and Equipment Acceptance Division

Manufacturer- Detector Electronics Corp

Trade Name(s)- DET-TRONICS

Product- Eagle Quantum Premier Fire and Gas Detection System

Pertinent Code Section – Subchapter 17, Reference Standard RS 17-3 and NFPA 72/1999.

Prescribed Test(s)-FM 3260 dated August 2000.

Laboratory- Factory Mutual Approvals (FM Approvals)

Test Report(s)- FM Approvals Project IDs: 3013843 dated January 17, 2003, and 3013398 dated February 19, 2003.

Description-The Eagle Quantum Premier system is a revised/updated version of the previously approved Eagle Quantum System. It has been evaluated for automatic release of preaction and deluge sprinkler systems, local signaling, and automatic release of extinguishing systems and other fire protection equipment. The Eagle Quantum Premier System identified as the Eagle Quantum Premier Fire and Gas Detection/Releasing System in the product instructions is also used with combustible and toxic gas detection devices.

Products	Model Numbers
Series Controller	EQ300X
Power Distribution Module	EQ3800
Flame Detector, Multi IR, LON version	X3301xxx14xx
8 Channel Direct Current Input/Output Module	EQ3700
Power Supply	EQ2110PS
Power Supply	EQ2130PS
Power Supply	EQ2175PS
Power Supply Monitor	EQ2100PSM
Initiating Device Circuit	EQ22xxIDC
Initiating Device Circuit	EQ22EMIDC
Initiating Device Circuit, Ground Fault	EQ22xxIDCGF
Initiating Device Circuit, Ground Fault	EQ22EMIDCGF
Agent Release Module	EQ25xxARM
Agent Release Module	EQ25EMARM
Signal Audible Module	EQ25xxSAM
Signal Audible Module	EQ25EMSAM

Network Extender	EQ24xxNE
Network Extender	EQ24EMNE
Flame Detector	EQ22xxUVIR
Ultraviolet Flame Detector	EQ22xxUV
Continuous duty, High Temp UV Module/Detector	EQ22xxUVHT/C70 50B
Ultraviolet, High Temp Detector	EQ22EM UVHT
Eclipse Infrared Hydrocarbon Gas Detector	PIRECLabcde
Digital Communication Unit	EQ22abDCUEX
Digital Communication Unit	EQ22abDCU
Sensor Termination Box	STBabcA
Multiple Channel Module	EQ370Xab
System Base Enclosure	EQ3900Xabcd
Infrared Gas Sensor	PIR9400 Series
Hydrogen Sulfide Sensor	C7064E4012
Hydrogen Sulfide Sensor	C7064E5012
Hydrogen Sulfide Sensor	C7064E5014
Flame Detector	C7050B
Series Termination Box	PIRTB
Combustible Gas Sensor	CGS Series

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objection letter dated May 6, 2003, F.P. Index No. 0304038.

Recommendation - That the above units be accepted on condition that all uses, configurations, arrangements and functions, applications and installations shall comply with the provisions of New York City Building 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, and the FM 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 that tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance

July 11, 2003

Examined by

Donald [Signature]