

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, A.I.A., Commissioner

MEA 151-03-E
Report of Material and Equipment Acceptance Division

Manufacturer- Detector Electronics Corp.

Trade Name(s)- DET-TRONICS.

Product- Pointwatch Eclipse (PIRECL) Combustible Gas Detector.

Pertinent Code Section(s)- RS 17-3.

Prescribed Test(s)- FM 3260.

Laboratory- Factory Mutual Approvals (FM Approvals).

Test Report(s)- 3014962 dated August 20, 2002, which supplements report No. 3009050.

Description-The PIRECL is a infrared (IR) Combustible Gas Detector. The detector has Division 1 and Zone 1 ratings for hazardous areas and is suitable for use in outdoor and indoor applications. It can be used in a stand alone or system configuration.

Product model numbers include: PIRECLabcde, where a represents thread type, b represents Output and measurements options, c represents Relay output option, d represents weathershield material and e represents Approvals information. See the Manual or FM report for additional information.

Pursuant to "Promulgation of the Rules relating to Materials and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections letter dated June 6, 2003, F.P. Index #0305055.

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

1. The above referenced flame detectors shall be installed in a dedicated supervised circuit zone. Cross zoning of flame detectors shall not be allowed. The flame detectors shall provide a latching signal to an approved and compatible fire alarm control panel that provides separate circuits for power and alarm initiation.
2. Type of wires and methods of wiring must be in accordance with the related resolution approval and Reference Standard 17-3.
3. 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, the manufacturer's recommendation, NFPA 70, and FM test reports.

All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying 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 June 26, 2003
Examined by 