

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 36-03-E
Report of Material and Equipment Acceptance Division

Manufacturer – Kidde-Fenwal, Inc., 400 Main Street, Ashland, MA 01721.

Trade Name(s) – Kidde, Chemetron Fire Systems.

Multiple Listee – Chemetron Fire Systems, 4801 Southwick Drive, 3rd Floor, Matteson, IL 60443.

Product – High Sensitivity Smoke Detection System.

Pertinent Code Section(s) – Article 6, Section 27-978 through 27-981, Reference Standard RS 17.

Laboratory – Underwriters Laboratories, Inc.

Test Report(s) – UL Multiple listing correlation sheets: S6627 dated June 3, 2002, revised June 17, 2002 and S6626 dated June 28, 2002.

Description – The following equipment, basically listed for Kidde-Fenwal, Inc. is requested to be multiple listed for Chemetron Fire Systems, as follows:

| Basically Listed for Kidde-Fenwal, Inc. | Component Description | Multiple Listed for Chemetron Fire Systems |
|---|-----------------------------------|--|
| 297101 (ORION XT) | Detector Assembly | 70101109 (CLASS) |
| 297102 | Display Module | 70101110 |
| 297104 | Self-Contained Power Supply | 70101111 |
| 297106 | Multi-Zone Power Supply | 70101114 |
| 297107 | Multi-Zone Power Supply Enclosure | 70101113 |
| 297120 (OCS) | Configuration Software | 70101123 (CCS) |
| 297121 (SNIFF) | Design Software | 70101122 (SPEC) |

Recommendation - That the above be accepted on condition that all uses, configurations, arrangements and functions, electric power for the unit and installations shall comply with the provisions of New York City Building Code, specifically Subchapter 17 and with Reference Standards RS 17-3, and the Electrical Code and the UL Listing. Further, the spacing of the sampling tubes shall be accordance with the manufacturer's recommendations and on further condition that:

1. This unit shall not be installed as a primary detector unit in areas that the Building Code specially calls for the installation of an ionization and photoelectric smoke detector.
2. Each unit shall be viewed and limited to the operation of a single detector only.
3. The CLASS shall be installed with its own fuse cut out.
4. When installation in a building with a Fire Command Station, all troubles and fire alarms from CLASS shall be reported to the main fire command station and the signal shall latch on at the main fire panel until it is manually reset.
5. Every plan and permit application for installation shall be accompanied with a piping layout and network calculation, to verify that the design meets the manufacturer's recommendations with regards to the minimum suction pressure of 0.05 in and the maximum period of 180 sec. transit time from the furthest sampling port.
6. In order to prevent buildup of moisture and condensation, the sampling tubes shall be installed with a pitch of 1/16 of an inch per linear foot, away from the CLASS unit. Flexible pipe or tubing may not be utilized in this installation.
7. The system must be configured with an LCD display module.

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 June 13, 2003
Examined by Donald X. Del