

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 Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner  
MEA 140-02-E

Report of Material and Equipment Acceptance Division  
Manufacturer - Kidde-Fenwal, Inc., 400 Main Street, Ashland, MA 01721  
Trade Name(s) – (a) KIDDE, (B) FENWAL  
Product – Gemini II and 3220 Control Unit System, and Control Unit Accessories .  
Pertinent Code Section(s) –27-978 through 27-977; Reference Standard RS 17-5;  
NFPA 70, NFPA 72, NFPA 12, and 12A, NFPA 17 and 17A, NFPA 2001.  
Prescribed Test(s) – RS 17-5, NFPA 72 and UL Standard 864.  
Laboratory -Underwriters Laboratories, Inc., Northbrook, IL 60062.  
Test Reports - UL File S2422, Vol. 11, Sec. 1, S3743, Vol. 3, Sec. 1, S3743, Vol. 4, Sec. 1, Project 00NK46416 dated November 29, 2001, and S3743, Vol. 5, Sec. 1, Project 00NK46416, dated December 3, 2001.

Description - The KIDDE “Gemini II” and FENWAL “Model 3220” are versatile fire alarm/suppression control systems which can be used in a wide range of applications – from a minimal, stand-alone single hazard to a large, eight hazard system with multiple display units. The system is microprocessor-based to offer flexible, modular fire alarm and hazard release for a wide variety of Class A or B applications.

The Main Control Panel and each Remote Hazard Unit controls its own releasing circuit. Each unit accepts inputs from initiating (detecting) devices such as smoke detectors, heat detectors, manual pull stations and waterflow sensors. Based on pre-programmed instructions – and the user’s own configuration parameters – outputs are generated to release agent or activate a sprinkler system, shutdown equipment and annunciate alarms at the unit and external panels. The agent release sequence can be interrupted from an abort station which can be configured for one of four abort modes.

The Main Control Panel monitors all units in the KIDDE Gemini II and the FENWAL 3220 Systems and collects and displays system-wide messages. A Remote Hazard Unit fitted with optional display can also display global (system wide) or local messages, depending on the configuration.

Model	Part Number	Description
3220	30-322001-007	Main Control Panel
3220	30-322002-011	Remote Hazard Unit Mother Board
3220	30-322002-012	Remote Hazard Unit Motherboard w/o Display
3220	30-322002-004	Remote Hazard Unit Enclosure w/o window
3220	30-322001-009	Optional Relay Board
3220	30-322001-008	Power Supply
3220	30-322001-002	Remote Hazard Unit Enclosure w/o Dead Front
3220	30-322001-004	Enclosure w/Dead Front
3220	30-322002-003	Remote Hazard Unit Enclosure w/o Dead Front
3220	30-322002-007	Remote Hazard Unit Enclosure w/Dead Front
3220	30-322003-002	Remote Display Unit
3220	30-322003-003	Remote Display Unit Back Boxes
Gemini II	84-322001-007	Main Control Panel
Gemini II	84-322002-011	Remote Hazard Unit Motherboard
Gemini II	84-322002-012	Remote Hazard Unit Motherboard w/o Display
Gemini II	84-322002-004	Remote Hazard Unit Enclosure w/o window
Gemini II	84-322001-009	Optional Relay Board
Gemini II	84-322001-008	Power Supply
Gemini II	84-322001-002	Remote Hazard Unit Enclosure w/o Dead Front
Gemini II	84-322001-004	Enclosure w/Dead Front
Gemini II	84-322002-003	Remote Hazard Unit Enclosure w/o Dead Front
Gemini II	84-322002-007	Remote Hazard Unit Enclosure w/Dead Front
Gemini II	84-322003-002	Remote Display Unit
Gemini II	84-322003-003	Remote Display Unit Back Boxes

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 June 26, 2002, F.P. Index 0205009A.

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

1. When installation in a building with a Fire Command Station, all troubles and fire alarms from these releasing panel units 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.
2. The referenced releasing panels shall be installed with a separate fuse cut out.

All shipments and deliveries of such equipment shall be provided with a metal tag, suitable 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 19, 2002  
Examined by Mark Jacoby