



NYC Department of Buildings
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Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 119-06-E

Manufacturer: Chemetron Fire Systems

Trade Name(s): Chemetron Fire Systems

Product: Clean Agent Extinguishing Systems Units

Pertinent Code Section(s): Subchapter 17 and Reference Standard RS 17

Prescribed Test(s): NFPA 2001, 2004 Edition and UL 2166, 1st Edition

Laboratory: Factory Mutual (FM)

Test Report(s): FM Approval Reports 3020243 issued March 4, 2005.

Description – Clean Agent Fire Extinguishing System Unit Total Flooding Protection against Class A surface burning, Class B flammable liquid and Class C fires occurring within an enclosure. The extinguishing agent is identified in NFPA 2001 as HFC-227ea and by the Trade Name FM-200®.

Models 10480992, 10480980, 10480991, 10480993, 10480994, 10480982, 10480985, 10480983, 10480986, 10480984, 10480987, 10481454, 10481462, 10481455, 10481463, 10481456, and 10481464. Clean Agent Extinguishing System Units, stored pressure type, having nominal charging capacities of 40, 55, 95, 150, 150, 250, 250, 400, 550, 600, 900, and 1235 lbs. clean agent, respectively. The units are charged to 360 psi at 70°F, with operating temperatures of 0°F to 130°F.

A description of these extinguishing system units and the design and installation limitations are contained in the manufacturer's Design, Installation, Operation and Maintenance Manuals (part number 30000030, Revision H, issued October 15, 1995, revised February 16, 2004 for Beta and Gamma Series and 30000049, Revision C for Sigma Series), issued July 1, 2000, revised February 16, 2004 describe the systems. These installations require the design calculation programs identified as CHEM-200 Version 4.2.4 or higher.

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 2, 2006, F.P. Index No. 0604053.

Terms and Conditions: The above units are accepted, provided that all:

1. All uses, and installations shall be accordance with all applicable New York City Codes, Rules, Regulations, etc. and specifically 3RCNY §15-08 "Clean Agent Fire Extinguishing Systems" except as modified by conditions of this letter and RS 17-3 requirements.
2. Systems may be used for Class A and C fire applications with a minimum FM-200 design concentration of 6.25%.
3. Systems may be used for Class B flammable liquid fire applications with a minimum FM-200 design concentration specified in NFPA 2001 and Chemetron Fire Systems design manual (FM Approval Report Project 3020243).
4. FM approval requirements and limitations shall be fully complied with.
5. Manufacturer's installation, maintenance procedures and limitations shall be complied with.

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 in Section 27-131 of the Building Code.

Final Acceptance June 8, 2006
Examined by Donald H. H. H.