

Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 121-06-E

Manufacturer: Chemetron Fire Systems

Trade Name(s): Chemetron Fire Systems

Product: Argonite CLEAN AGENT EXTINGUISHING SYSTEMS UNITS

Pertinent Code Section(s): Subchapter 17 and Reference Standard RS17

Prescribed Test(s): NFPA 2001, 2004 Edition and UL 2127, 1st Edition

Laboratory: Factory Mutual (FM)

Test Report(s): FM Approval Reports 3011911 issued August 20, 2003

Description – Clean Agent Fire Extinguishing System Unit Total Flooding Protection against Class A surface burning and Class B flammable liquid occurring within an enclosure. The extinguishing agent is identified in NFPA 2001 as IG-55 and by the trade name Argonite.

Models 10980000, 10980001 and 10980002 Clean Agent Extinguishing System Units, stored pressure type, having nominal charging capacities of 15.9, 66.7 and 80.0 liters clean agent, respectively. The units are charged to a nominal pressure of 2900 psi (200 bar) at 70^oF, with operating temperatures of -20^oF to 130^oF.

A description of these extinguishing system units and the design and installation limitations are contained in the manufacturer's installation manual dated October 1, 2000, Revision C (p/n 30000052). These installations require the design calculation programs identified as Argonite Design Program, Version 1.0.4 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 April 27, 2006, F.P. Index No. 0602031.

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

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 Argonite design concentration of 37.9%.
3. Systems may be used for Class B flammable liquid fire applications with a minimum design concentration shall be held to 1.3 times the established cup burner value as referenced in NFPA 2001 of 2004 and FM approval report project 3011911.
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 [Signature]