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REPORT

on

Inert Gas Clean Agent Extinguishing System Units,
Argonite

Chemetron Fire Systems
Matheson, Ill.

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GENERAL

INTRODUCTION:

This Report describes the investigation of Chemetron's Engineered Clean Agent Extinguishing System Units utilizing a clean agent identified as Argonite (IG-55), which is to be installed in accordance with the National Fire Protection Association Standard for Clean Agent Extinguishing Systems, NFPA 2001.

OBJECT:

The object of this investigation was to determine compliance of the engineered Argonite (IG-55) clean agent extinguishing system units with the Standard for Inert Gas Clean Agent Extinguishing System Units, UL 2127.

PLAN:

The investigation of the engineered Argonite (IG-55) clean agent extinguishing system units consisted of conducting a product conformance evaluation and performance testing as described in UL 2127.

DESCRIPTION

PRODUCT COVERED:

Clean Agent Extinguishing System Units containing Argonite (IG-55), having nominal storage capacities of 15.9, 66.7 and 80.0 L of Argonite (IG-55). The units are pressurized to 20000 kPa (2900 psig, 200 bar) at 21°C (70°F) with operating temperatures of -29°C to 55°C (-20°F to 130°F). The units are designed for total flooding protection against Class A surface burning and Class B flammable liquid fires occurring within an enclosure.

CONSTRUCTION DETAILS:

The devices have been examined and found to comply with the applicable requirements of the Standard for Inert Gas Clean Agent Extinguishing System Units, UL 2127, in effect as of the date of this Report, when design and installed in accordance with the manufacturer's manual(s).

USE:

The products covered by this Report are intended for use in accordance with the National Fire Protection Association Standard for Clean Agent Extinguishing Systems, NFPA 2001 and the following manuals and flow calculation software as appropriate.

<u>Extinguishing System Unit Description</u>	<u>Manual Reference</u>	<u>Flow Calculation Software</u>
Argonite, Engineered Systems, Design, Installation and Maintenance Manual	S/N 30000052	NA
Argonite, Engineered Systems, Flow Calculation Software Users Manual	S/N 30000054	V1.0.4