

FIRE EXTINGUISHERS

1. GENERAL

1.1 Related Requirements

- .1 Not Used.

1.2 References

- .1 Health Canada/Workplace Hazardous Materials Information System (WHMIS)
 - .1 Material Safety Data Sheets (MSDS).
- .2 National Fire Protection Association (NFPA)
 - .1 NFPA 10-2013, Standard for Portable Fire Extinguishers.

1.3 Action and Informational Submittals

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit Manufacturer's printed product literature and datasheet and include product characteristics, performance criteria, physical size, finish and limitations.
- .3 Provide Shop Drawings.
- .4 Closeout Submittals:
 - .1 Provide operation and maintenance data for incorporation into manual specified in Section 01 78 00 - Closeout Submittals.

1.4 Delivery, Storage and Handling

- .1 Packing, shipping, handling and unloading:
 - .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements.

2. PRODUCTS

2.1 Multi-Purpose Dry Chemical Extinguishers

- .1 Stored pressure rechargeable type with hose and shut-off nozzle, ULC labelled for B and C class protection.
 - .1 Minimum rating as indicated on the drawings, but not less than 40-BC.
 - .2 Rated for -40°C exterior storage and use.
- .2 Acceptable Material: Ansul, or approved equivalent in accordance with B7.

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2.2 Extinguisher Cabinet

- .1 Type recommended by extinguisher manufacturer.
- .2 All welded steel construction.
- .3 Painted finish suitable for exterior installation.
- .4 Replaceable transparent "Plexiglass" or equivalent front panel, "break open" use, with decal.
- .5 Keyed tumbler lock access for normal inspection without breaking front panel.
- .6 Acceptable material: PyroChem, or approved equivalent in accordance with B7.

2.3 Identification

- .1 Attach bilingual tag or label to extinguishers, indicating month and year of installation. Provide space for service dates.

3. EXECUTION

3.1 Manufacturer's Instructions

- .1 Compliance: comply with manufacturer's written recommendations, including product technical bulletins, handling, storage and installation instructions, and datasheets.

3.2 Installation

- .1 Install or mount extinguishers within weather proof cabinet as indicated on the drawings, in accordance with NFPA 10.

3.3 Field Quality Control

- .1 Manufacturer's Field Services:
 - .1 Provide manufacturer's field services consisting of product use recommendations and periodic site visits for inspection of product installation in accordance with manufacturer's instructions.

END OF SECTION