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| Version | Date | Description of Revisions |
| 1 | August 30, 2006 | Approved final document |
| 2 | September 30, 2009 | Review/update of the document related sections |
| 3 | September 28, 2010 | Minor revisions |
| 4 | June 27, 2012 | Addition of References and Replacement Parts sections on this page |
| 5 | July 16, 2012 | Reformatted to Reduce White Space |
| 6 | April 23, 2015 | General formatting |
| 7 | April 7, 2016 | Phase 1 review (AV) |
| 8 | November 29, 2016 | Updated as per Legal (eDOCs # 6284813) |
| 9 | June 22, 2022 | 3.1 Section revised (BM) |

NOTE:

This is a CONTROLLED Document. Any documents appearing in paper form are not controlled and should be checked against the on-line file version prior to use.

**Notice:** This Document hardcopy must be used for reference purpose only.

**The on-line copy is the current version of the document.**

# GENERAL

## Related Sections

### *[Under "Related Sections", identify other Sections that are related to, and/or dependent on, the work results or information specified elsewhere. The list should be limited to Sections with specific information that the reader might expect to find in this Section, but is specified elsewhere. For example, if hardware for aluminum entrances is specified in the aluminum entrance Section, a cross-reference would be appropriate in the finish hardware Section. The purpose of this cross-referencing is for information only, to aid in finding those other requirements—not to define the scope of the Section.*

### *Cross-referencing here may also be used to coordinate assemblies or systems whose components may span multiple Sections and which must meet certain performance requirements as an assembly or system.*

### *Contractor is responsible for coordination of the Work.*

### *This Section is to be completed/updated during the design development by the Consultant. If it is not applicable to the section for the specific project it may be deleted.]*

### *[List Sections specifying installation of products supplied but not installed under this Section and indicate specific items.]*

### Section [\_\_\_\_\_\_ – \_\_\_\_\_\_\_\_\_\_\_\_]: Execution requirements for ...[item]... specified under this Section.

### *[List Sections specifying products installed but not supplied under this Section and indicate specific items.]*

### Section [\_\_\_\_\_\_ – \_\_\_\_\_\_\_\_\_\_\_\_]: Product requirements for ...[item]... for installation under this Section.

### [List Sections specifying related requirements.]

### Section [\_\_\_\_\_\_ – \_\_\_\_\_\_\_\_\_\_\_\_]: [Optional short phrase indicating relationship].

## References

### Comply with the latest edition of the following statutes codes and standards and all amendments thereto.

#### American National Standards Institute (ANSI)

##### ANSI/NFPA 10 2022 Edition, Standard for Portable Fire Extinguishers.

#### Underwriters' Laboratories of Canada (ULC)

##### CAN/ULC-S508:2018, Standard for the Rating and Fire Testing of Fire Extinguishers

## Measurement and Payment

*[Choose one of the following payment language provisions that best suits the individual project.*

*If this Section is not specifically referenced by an item in the Bid Form, please use the following language:*

### The work of this Section will not be measured separately for payment. All costs associated with the work of this Section shall be included in the Contract Price.

*OR If this Section is specifically referenced in the Bid Form, use the following language and identify the relevant item in the Bid Form:*

### All costs associated with the work of this Section shall be included in the price(s) for Item No(s). \_\_\_ in the Bid Form.

*If the work of this Section is to be measured and paid for by several different methods, please amend the standard wording given above to reflect the different methods of measurement and payment.*]

## Shop Drawings and Product Data

### Submit shop drawings and product data in accordance with Section 01300 – Submittals.

## Closeout Submittals

### Provide maintenance data for incorporation into manual specified in Section 01430 – Operation and Maintenance Data.

### Provide manufacturer’s product data for each item including sizes, ratings, ULC ratings, other certifications and mounting information.

# Products

## Water Pump Tank Extinguishers

### Stored water tank type, manual pump and handle with discharge hose and nozzle, [stainless steel] [copper] [polyethylene] tank construction, ULC labelled for A class protection. [9.1] L size.

## Water Pressurized Extinguishers

### Stored pressure type, squeeze grip operated of stainless steel construction, ULC labelled for A class protection. [9.1] L size.

## Multi-Purpose Dry Chemical Extinguishers

### [Cartridge operated type] [or] [Stored pressure rechargeable type] with [hose and] shut off nozzle, ULC labelled for A, B and C class protection. Size[s] [1.14] [2.25] [4.5] [9] [and] [14] kg [or as indicated on Contract Drawings].

## Ordinary Dry Chemical Extinguishers

### [Cartridge operated type] [or] [Stored pressure rechargeable type] with [hose and] shut off nozzle, ULC labelled for B and C class protection. Sizes [1.27] [2.25] [4.5] [9] [and] [14] kg [or as indicated on Contract Drawings].

## Carbon Dioxide

### Extinguishers Insulated handle, hose and horn discharge assembly, self closing lever or squeeze grip operation, fully charged, ULC labelled for B and C class protection. Sizes [2.25] [4.5] [6.8] [and] [9.0] kg [or as indicated on Contract Drawings].

## Dry Chemical Extinguishers (Class D)

### [Cartridge operated type] [or] [Stored pressure rechargeable type] with hose and shut off nozzle, ULC labelled for D class protection. Size [13.6] kg [or as indicated on Contract drawings].

## Extinguisher Brackets

### Type recommended by extinguisher manufacturer.

## Cabinets

### [Flush] [surface] [or] [semi recessed] type as indicated, constructed of 1.6 mm thick steel, 180° opening door of 2.5 mm thick steel with latching device.

### Cabinet to maintain fire resistive rating of construction in which they occur.

### Cabinet door: with [5 mm full glass panel] [metal panel].

### Finish:

#### Tub: prime coated.

#### Door and frame: [No.4 satin finish stainless steel].

## Identification

### Identify extinguishers in accordance with recommendations of [ANSI/NFPA 10] [CAN/ULC S508].

### Attach bilingual (French/English) tag or label to extinguishers, indicating month and year of installation. Provide space for service dates.

## Fire Safety Blankets

### [180cm x 180cm] of [silicone coated fibre glass] in [metal] container.

### Metal container to be marked Fire Safety Blankets.

## Accessories

### Fasteners: Furnish necessary screws, bolts, brackets, and other fastenings of suitable type and size to secure items of fire and safety equipment in position.

#### Metal expansion shields for machine screws at concrete and masonry.

#### Interior: Rust-resistant.

#### Exterior: Stainless steel.

### Brackets: For all hand extinguishers not located in cabinets, furnish heavy-duty brackets with clip-together strap for wall mounting.

# EXECUTION

## Installation

### Install or mount extinguishers in cabinets or on brackets as indicated in the Contract Drawings.

### Install fire safety blankets as indicated in the Contract Drawings.

### Do not install extinguishers until after wall finishing work is complete.

### If extinguishers are indicated adjacent to a door, locate the extinguishers at the strike side of the door.

### Fire extinguishers having a gross weight not exceeding 18.14 kg shall be installed so that the top of the fire extinguisher is not more than 1.53 m above the floor.

### Fire extinguishers having a gross weight greater than 18.14 kg shall be installed so that the top of the fire extinguisher is not more than 1.07 m above the floor.

### In no case shall the clearance between the bottom of the fire extinguisher and the floor be less than 102 mm.

**END OF SECTION**