

Part 1 General

1.1 REFERENCES

- .1 National Fire Protection Association NFPA 10 - Standard for Portable Fire Extinguishers.
- .2 Underwriters' Laboratories Canada CAN/ULC-S508 - Rating and Fire Testing of Fire Extinguishers and Class"D" Extinguishing Media.

1.2 QUALITY ASSURANCE

- .1 Fire protection equipment and installation shall be approved by local Fire Commissioner.
- .2 Equipment and installation shall meet the requirements of NFPA 10 Portable Fire Extinguishers.

1.3 SHOP DRAWINGS

- .1 Submit shop drawings in accordance with E4.
- .2 Submit shop drawings with Material Safety Data Sheets (MSDS) for each chemical used in the Fire Extinguishers.

Part 2 Products

2.1 ACCEPTABLE MANUFACTURERS

- .1 National, Flag, Kidde, CFH.

2.2 PORTABLE HAND FIRE EXTINGUISHERS

- .1 Multi-Purpose Dry Chemical: Pressurized with hose and shut-off nozzle or integral shut-off nozzle and mounting brackets 4.5 kg capacity rating 4A:60BC.

2.3 FIRE EXTINGUISHER CABINETS AND BRACKETS

- .1 Fire Extinguisher Cabinet: Surface type 16 gauge steel construction with 12 gauge fully opening door in adjustable frame, 5 mm (1/5 in) glass full panel door, approved latching device, primed and painted red.

Part 3 Execution

3.1 INSTALLATION

- .1 Fire extinguishers shall be securely on a hanger intended for the extinguisher or in the bracket supplied by the extinguisher manufacturer.
- .2 Secure brackets and cabinets rigidly in place as follows:
 - .1 Hollow masonry units and stud walls: toggle bolts drilled into cell/wall cavity.
 - .2 Solid masonry or concrete: bolt with metal expansion sleeve or expansion anchor set into drilled hole.

- .3 Fire extinguishers having a gross weight not exceeding 40 lb (18.14 kg) shall be installed so that the top of the fire extinguisher is not more than 1.53 m (5 ft) above the floor.
- .4 Fire extinguishers having a gross weight greater than 40 lb (18.14 kg) (except wheeled types) shall be installed so that the top of the fire extinguisher is not more than 1.07 m (3 1/2 ft) above the floor.
- .5 In no case shall the clearance between the bottom of the fire extinguisher and the floor be less than 100 mm (4 in).
- .6 Fire extinguishers shall be conspicuously and clearly marked using arrows and signs.

END OF SECTION