

Part 1 General**1.1 Summary**

- .1 Unless otherwise indicated, follow the standards below when renovating a room or suite of rooms or for new constructions. All requirements outlined herein shall be reviewed with the McGill University Fire Prevention Office (FPO) and confirmed before the commencement of construction
- .2 Definition: Emergency Measures & Fire Prevention (EMFP)

1.2 Design Requirement

- .1 Clearly indicate items or equipments to be relocated. Indicate their actual and future location.
- .2 Indicate to protect existing items designated to remain and items designated for salvage.
- .3 Provisions shall be made for the adequate and long term support of the unit on the wall: an extinguisher cabinet or the manufacturers hook attached to a solid wood board and attached to a structural member of the wall
- .4 Height of extinguisher mounted on the wall: top of the unit at a maximum 3.5 feet and bottom at a minimum 4 inches from the ground.
- .5 Type of extinguisher to be installed
 - .1 Dry chemical portable fire extinguisher of classification 2A10BC (minimum), ULC listed, will be installed in main corridors of campus buildings and in residential buildings.
 - .2 Water mist portable fire extinguishers of classification 2A;C (minimum), ULC listed, will be installed in libraries, computer laboratories and office suites.
 - .3 FPO`s must be consulted to determine the classification requirements for extinguishers to be installed in laboratories and service spaces.
 - .4 Class K portable fire extinguishers, ULC listed, should be installed in commercial kitchens.
 - .5 Refer to the following wall brackets part number to select similar brackets: Ansul Part #: 428223
 - .6 Must be from a North American manufacturer.
- .6 Standpipe and hoses shall be maintained unless the building is 100% sprinklered.
- .7 When all the Standpipe valves, flow switches and hoses are removed, the remaining piping must be capped to eliminate the risk of accidental water leaks. Control valves supervision must be rewired to a normally closed position.
- .8 Devices are required for the supervision of water flow and control valves of a standpipe and hose system. These devices shall be distinctly connected to the fire alarm system for supervision to the Central Monitoring Station.

1.3 Restrictions

- .1 The Project Manager will recuperate existing units designed to be replaced for the Fire Prevention Office. These portable fire extinguishers will be delivered to the Emergency Measures and Fire prevention Office located at 3610 McTavish Street.
- .2 The existing portable fire extinguishers are not to be used for the protection of the construction site. The contractors must provide their own portable fire extinguishers during construction.
- .3 The hose stations and cabinets in the building area under renovations must be maintained. The hoses are not to be used for purposes other than extinguishing a fire.

1.4 Signage

- .1 The location of each portable fire extinguisher shall be indicated by the posting of the proper McGill safety sign. "McGill University Interior Signage Standards" must be used and may be accessed using the following link:
<http://www.mcgill.ca/facilities/design/interior>
- .2 The location of each fire hose cabinet shall be indicated by the posting of the proper McGill safety sign. "McGill University Interior Signage Standards" must also be used.

1.5 Required Documentation

- .1 The installing contractor shall provide all literature and instruction manuals provided by the manufacturer describing proper operation and maintenance of any equipment and devices installed.

END OF SECTION