

March 08, 2021

Bulletin 2021-002- FI/BU

Removal of Existing 40 mm (1 ½” Fire Hose)

There may be instances where an owner may wish to remove an existing 40 mm (1 1/2 in.) fire hose station(s) in an existing building.

Examples of 40 mm (1 ½ in>) fire hose stations



The following is a summary of requirements for the removal of 40 mm (1 ½ in.) hose station(s) from the building:

1. The building must be fully sprinklered and, if the building is four storeys or more in building height, have standpipe connections in the exit stairwells.
 - a. Plans prepared by a professional engineer, complete with description of the building's sprinkler and standpipe system and schematic diagram are required (see **Non-Simple Projects for Existing Sprinkler Systems (Full Projects Submission)** for additional information of application requirements).
 - b. Fire Protection Engineer of Record to review the condition and age of the existing sprinklers, and if necessary, the plans shall include/allow for the replacement and/or upgrade of the existing systems.
 - c. Fire Protection Engineer of Record to review the facility to identify any hose station that may have been installed to provide protection of specific assets or hazard (eg. Rack Storage).
 - d. Make the applications at City Hall (**apply for a building permit as well as a sprinkler permit**).

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2. Once the building and sprinkler permits for removing the hose have been issued, the Fire Safety Plan and posted instructions are to be updated.
 - a. A review of portable extinguisher coverage shall be completed, and coverage shall be provided as per NFPA 10 and the Vancouver Fire Bylaw. (the presence of hose stations may have previously allowed extinguishers in the floor areas to be reduced by 50%).
 - b. The Fire Safety Plan and posted instructions shall be updated to reflect the portable extinguisher locations and any fire hoses that are removed.
 - c. Signage within the building indicating location of fire hoses shall be updated to reflect any hoses that are removed.
 - d. Submit documents to the Fire Prevention Office at 600-575 west 8th avenue for approval.

Signed,

Rick Cheung
Assistant Fire Chief

Kevin Lau
Building Policy Engineer

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