



City of
Burnaby

City of Burnaby Fire Department
604-294-7195
fire@burnaby.ca

General Information

Note: British Columbia Fire Code, Division C, Section 2.2, Sentence 2.2.1.1.(1) (Unless otherwise specified, the owner or the owner's authorized agent shall be responsible for carrying out the provisions of this Code.)

Good engineering practice must be applied in all types of storage configurations. Burnaby Fire Department is the Authority Having Jurisdiction in application of the B.C. Fire Code in Burnaby.

All renovations of a building require permits obtained at Burnaby City Hall, Building Department, 4949 Canada Way, 2nd Floor, Burnaby, BC.

All Life Safety Devices must be tested and maintained as per maintenance schedule set out in the British Columbia Fire Code. Copies of the maintenance schedules are available in Building Maintenance section.

Copies of the British Columbia Fire Code may be located at all Burnaby Public Libraries.

Sprinklered Buildings

Please look out for these **Common Problems**:

1. When solid plywood is used on racking, contact Fire Prevention Office at 604-294-7195 for code requirements
2. For storage areas: 1 1/2 inch hose line stations in storage areas are required when storage exceeds 3.7 m (12 feet). Full coverage of the storage facility must be accounted for. The code allows 100 ft. of hose and 30 ft. of water stream. Therefore, each station may cover up to 130 feet in each direction.
 - Future considerations should be made for changing storage configurations.

Storage Under 3.7 m (12 feet):

B.C. Fire Code and NFPA 13

1. Determine Class of Commodity (Ref. NFPA 13, Table A.5.6.3.)
2. Determine what type of storage facility. Example Rack or Shelf

- Shelf Storage is defined as structures less than 76.2 cm (30 in.) deep with shelves usually 0.6 m (2 ft.) apart vertically and separated by approximately 76.2 cm (30 in.) aisles

1. OR Rack Storage as defined in NFPA 13, Chapter 3.9.3.

General Storage Above 3.7 m (12 feet)

- Reference: NFPA 13

Rack Storage Above 3.7 m (12 feet)

- Reference: NFPA 13

Non-Sprinklered Buildings

All storage of flammable and combustible liquids must conform with B.C. Fire Code, Section 4. Please contact Burnaby Fire Prevention Office for additional information and declaration of storage.

Reference B.C. Fire Code Section 3.2 Indoor Storage for all storage applications in non-sprinklered buildings.

Height limitations in this section are very specific.

Life Safety Devices

Once life safety devices are established, maintenance of these items are required.

Life Safety devices (and their maintenance) include:

- Fire extinguishers; mounted and accessible
- Egress pathways must be kept clear. Criteria for dimensions are specific to storage commodity and height.
- Annual maintenance of fire extinguishers, emergency lights, fire alarm, and sprinkler systems. Records of maintenance must be recorded for 2 years at a time and made available to Fire Department
- Accessible hose stations
- No keyed locks on designated Exit doors, or in exiting route
- Fire Department sprinkler connections require 1 meter clearance of all obstructions