

Fire Safety Planning For Construction and Demolition Sites

Overview: All demolition and construction sites require a fire safety plan in conformance with Sections 2.8 and 5.6 of the BC Fire Code. A [fire safety plan template for demolition and construction sites](http://www.nanaimo.ca) can be found on the City website (www.nanaimo.ca). The demolition or construction fire safety plan shall be submitted as a PDF document with the building permit application.

Requirements for Fire Safety Plan

1. The designation and organization of site personnel to carry out fire safety duties, including a fire watch service if applicable.
2. The emergency procedures to be followed in the event of a fire, including:
 - a. initiating a fire warning,
 - b. notifying the fire department,
 - c. instructing site personnel on the procedures to be followed once the warning has been initiated,
 - d. confining, controlling and extinguishing the fire, and
 - e. an evacuation assembly area (muster point).
3. A description of the proposed work and measures for controlling fire hazards in and around the site.
4. Measures for fire department access, including:
 - a. access to hydrants and fire department connections,
 - b. access to standpipe and sprinkler system,
 - c. access where a site is fenced to prevent general entry, and
 - d. access routes for fire department vehicles.
5. The location of fire extinguishers (2A:10BC on moveable equipment, 4A:40BC in all other locations).
6. The location where combustible and flammable liquids or gases are stored or handled.
7. Alternative measures (approved by the fire department) taken to ensure that protection is maintained where a sprinkler system, standpipe system, fire alarm system or part thereof is taken out of service.
8. Measures to eliminate false fire alarms due to the demolition or construction process,
9. Measures for controlling fire hazards during hot works operations.
10. The list of names and telephone numbers of persons to be contacted during and after normal operating hours in the event of an emergency.
11. Building diagrams, including:
 - a. a site plan indicating the location of the nearest hydrant(s), fire department connection, fire department access, and muster point; and
 - b. a plan for each floor area indicating the location of exit routes, fire protection equipment, and storage of combustible and flammable liquids or gases.