

Section 5.1. General

5.1.1. Scope

5.1.1.1. Application

1) This Part applies to processes and operations that involve a risk from explosion, high flammability or related conditions that create a hazard to life safety.

5.1.1.2. Explosives

1) The manufacturing, handling, transportation, sale and use of *dangerous goods* classified as explosives shall be in conformance with NRCan R.S.C., 1985, c. E-17, “Explosives Act,” and its Regulations.

5.1.1.3. Display Fireworks

1) The handling and discharge of fireworks shall conform to NRCan 2010, “Display Fireworks Manual.”

5.1.2. Electrical Installations

5.1.2.1. Hazardous Locations

1) Where wiring or electrical equipment is located in areas in which flammable gases or vapours, *combustible dusts* or *combustible fibres* are present in quantities sufficient to create a hazard, such wiring and electrical equipment shall conform to the British Columbia Electrical Safety Regulation requirements for hazardous locations. (See Note A-5.1.2.1.(1).)

5.1.2.2. General

1) Electrical installations shall conform to the British Columbia Electrical Safety Regulation.

5.1.3. Ventilation

5.1.3.1. Ventilation

1) Ventilation shall be provided for hazardous locations and processes in conformance with the British Columbia Building Code and with this Part.

5.1.4. Flash Point

5.1.4.1. Flash Point

1) The *flash points* of *flammable liquids* and *combustible liquids* shall be determined in conformance with Subsection 4.1.3.

5.1.5. Fire Safety Plan

5.1.5.1. Fire Safety Plan

1) Except as provided in Sentences (2) and (3), a fire safety plan conforming to Section 2.8. shall be prepared for areas where processes and operations described in Article 5.1.1.1. take place.

2) In addition to the information required in Section 2.8., the fire safety plan shall include

a) the location and identification of storage and use areas for specific products, in conformance with Article 3.2.2.5., and

b) the names, addresses and telephone numbers of persons to be contacted in case of fire during non-operating hours.

3) In addition to the information required in Sentence (2), where *dangerous goods* classified as radioactive materials are used or handled, the fire safety plan shall include the information specified in Subsection 3.1.2.