

Section 5.7. Objectives and Functional Statements

5.7.1. Objectives and Functional Statements

5.7.1.1. Attribution to Acceptable Solutions

1) For the purposes of compliance with this Code as required in Clause 1.2.1.1.(1)(b) of Division A, the objectives and functional statements attributed to the acceptable solutions in this Part shall be the objectives and functional statements listed in Table 5.7.1.1. (See Note A-1.1.2.1.(1).)

Table 5.7.1.1.
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 5
Forming Part of Sentence 5.7.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
5.1.1.2. Explosives	
(1)	[F01,F02-OS1.1]
5.1.1.3. Display Fireworks	
(1)	[F01,F02-OS1.1]
5.1.2.1. Hazardous Locations	
(1)	[F01-OS1.1]
5.1.2.2. General	
(1)	[F01-OS1.1]
5.1.3.1. Ventilation	
(1)	[F01-OS1.1]
5.1.5.1. Fire Safety Plan	
(2)	(b) [F12-OS1.2]
5.2.1.1. Application	
(2)	[F01-OS1.1] Applies to portion of Code text: "... hot works described in Sentence (1) shall conform to CSA W117.2, "Safety in Welding, Cutting and Allied Processes."
5.2.1.2. Training	
(1)	[F81-OS1.1]
5.2.2.1. Maintenance	
(1)	[F82-OS1.1]
5.2.2.2. Inspection	
(1)	[F82-OS1.1]
(2)	[F82-OS1.1]
5.2.2.3. Equipment Not in Use	
(1)	[F43,F01-OS1.1]
(2)	[F01-OS1.1]
5.2.2.4. Compressed Gas Equipment	
(1)	[F81,F01-OS1.1]
(2)	[F01-OS1.1]
(3)	[F01-OS1.1]

Table 5.7.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 5
 Forming Part of Sentence 5.7.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
5.2.3.1. Location of Operations	
(1)	[F01-OS1.1]
(2)	(c) [F01-OS1.1] [F02-OS1.2]
	(c) [F01-OP1.1] [F02-OP1.2]
(3)	(a) [F01-OS1.1]
5.2.3.2. Protection of Combustible and Flammable Materials	
(1)	[F01-OS1.1]
(2)	[F01-OS1.1]
(3)	[F01-OS1.1] [F02-OS1.2]
	[F01-OP1.1] [F02-OP1.2]
(4)	[F01-OS1.1]
5.2.3.3. Fire Watch	
(1)	[F01-OS1.1] [F02-OS1.2]
	[F01-OP1.1] [F02-OP1.2]
5.2.3.4. Work on Containers, Equipment or Piping	
(1)	[F01-OS1.1] Applies to the restriction of hot works.
(2)	[F81,F20-OS3.1]
(3)	[F01-OS1.1] Applies to portion of Code text: "Hot work shall not be performed on metal objects that are in contact with combustible materials unless ..."
5.2.3.5. Work Adjacent to Piping	
(1)	(b) [F81-OS1.1]
5.2.3.6. Fire Extinguishing Equipment	
(1)	[F02-OS1.2]
5.2.3.7. Fire Safety Plan	
(1)	[F01-OS1.1]
5.3.1.2. Dust Removal	
(1)	[F01-OS1.1]
(2)	[F01-OS1.1]
(3)	[F01-OS1.1]
5.3.1.3. Dust-Collecting Systems	
(1)	[F01-OS1.1]
(2)	(b) [F02-OS1.2]
	(c) [F01-OS1.1]
	(b) [F02-OP1.2]
	[F01-OS1.1] Applies to the design of dust-collecting systems according to good engineering practice.

Table 5.7.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 5
 Forming Part of Sentence 5.7.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
5.3.1.4. Dust Collectors	
(1)	[F02-OP1.2]
	[F02-OS1.2]
(2)	[F02,F03-OP1.2] [F01-OP1.1]
	[F02,F03-OS1.2] [F01-OS1.1]
(3)	(b) [F03-OS1.2]
	(b) [F03-OP1.2]
	[F01-OS1.1]
	[F01-OS1.1]
5.3.1.5. Bonding and Grounding	
(1)	[F01-OS1.1]
(2)	[F01-OS1.1]
5.3.1.6. Explosion Venting	
(1)	[F02-OS1.3]
	[F02-OP1.3]
(2)	[F02-OP1.3]
	[F02-OS1.3]
5.3.1.7. Explosion Prevention Systems	
(1)	[F01-OS1.1]
(2)	[F01-OS1.1]
5.3.1.8. Electrical Interlocks	
(1)	[F01-OS1.1]
5.3.1.9. Separators	
(1)	[F01-OS1.1]
5.3.1.10. Ignition Sources	
(1)	[F01-OS1.1]
(2)	[F01-OS1.1]
(3)	[F01-OS1.1]
5.3.2.1. Exhaust Systems	
(1)	[F02-OP1.2]
	[F01-OS1.1] [F02-OS1.2]
(2)	[F01-OS1.1]
5.3.2.2. Shavings and Sawdust Collection	
(1)	[F01-OS1.1] Applies to portion of Code text: "Loose shavings and sawdust shall be collected at frequent intervals ..."
5.3.2.3. Fire Extinguishers	
(1)	[F12-OS1.2]

Table 5.7.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 5
 Forming Part of Sentence 5.7.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
5.3.3.1. Storage Bins and Silos	
(1)	[F01-OS1.1]
5.3.3.2. Conveying Equipment	
(1)	[F81,F11,F01-OS1.1]
(2)	[F01-OS1.1]
(3)	[F01,F82-OS1.1]
5.3.3.3. Separators	
(1)	[F01-OS1.1]
5.4.1.2. Design, Operation and Maintenance	
(1)	[F01,F82-OS1.1] [F02,F03,F82-OS1.2]
	[F01,F82-OP1.1] [F02,F03,F82-OP1.2]
5.4.2.1. Dry Cleaning Plants	
(1)	[F01,F81-OS1.1] [F02,F03,F81-OS1.2]
	[F01,F81-OP1.1] [F02,F03,F81-OP1.2]
5.4.3.2. Notification	
(1)	[F13-OS3.4]
	[F13-OS1.1]
(2)	[F11-OS3.4]
	[F11-OS1.1]
5.4.3.3. Ignition Sources	
(1)	[F01-OS1.1]
5.4.3.4. Electric Power	
(1)	[F01-OS1.1]
5.4.3.5. Air Temperature	
(1)	[F81-OS1.2]
	[F81-OP1.2]
5.4.3.6. Access to Premises	
(1)	[F34-OS3.4]
	[F34-OS1.1]
(2)	[F34-OS3.4]
	[F34-OS1.1]
(3)	[F34-OS3.4]
	[F34-OS1.1]
5.4.4.2. Public Access	
(1)	[F34-OS3.4]
	[F34-OS1.1]

Table 5.7.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 5
 Forming Part of Sentence 5.7.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
5.4.4.3. Ventilation	
(1)	[F01-OS1.1]
(2)	[F01-OS1.1]
5.4.4.4. Sources of Ignition	
(1)	[F01-OS1.1]
5.4.4.5. Waste Receptacles	
(1)	[F02-OP1.2] Applies to the daily removal of contents.
	[F02-OS1.2] Applies to the daily removal of contents.
	[F01-OS1.1] Applies to the disposal of contents in a manner that will not create a fire hazard.
5.4.5.2. Design, Operation and Maintenance	
(1)	[F01,F82-OS1.1] [F02,F03,F82-OS1.2]
5.4.6.2. Design, Operation and Maintenance	
(1)	[F01,F82-OS1.1] [F02,F03,F82-OS1.2]
5.5.2.2. Separation	
(1)	[F03-OS1.2]
	[F03-OP1.2]
5.5.3.1. Emergency Planning	
(5)	[F34-OS1.1]
	[F34-OS3.4]
	[F34-OH5]
5.5.3.2. Combustible Materials	
(1)	[F02-OS1.2]
	[F02-OP1.2]
(2)	[F02-OS1.2] Applies to storing outside the laboratory.
	[F02-OP1.2] Applies to storing outside the laboratory.
5.5.3.3. Spill Control	
(1)	[F01-OS1.1] [F02-OS1.2] Applies to portion of Code text: "Absorbent and neutralizing materials shall be provided in the laboratory and in the dangerous goods storage areas ..."
	[F01-OP1.1] [F02-OP1.2] Applies to portion of Code text: "Absorbent and neutralizing materials shall be provided in the laboratory and in the dangerous goods storage areas ..."
5.5.3.4. Electrical Equipment	
(1)	[F01-OS1.1]
(2)	(b) [F02-OP1.2] [F82-OP1.1]
	(b) [F02-OS1.2] [F82-OS1.1]

Table 5.7.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 5
 Forming Part of Sentence 5.7.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
5.5.3.5. Ignition Sources	
(1)	[F01-OS1.1] Applies to portion of Code text: "Smoking shall not be permitted in a laboratory ..."
(2)	(a) [F11-OS1.1]
	(a) [F11-OP1.1]
	(b) [F01-OS1.1]
(3)	[F01,F02-OS1.1,OS1.2]
5.5.3.6. Inspection and Maintenance	
(1)	[F82-OS1.1]
	[F82-OS3.4]
	[F82-OH5]
	[F82-OP1.1]
(2)	[F02-OS1.2] [F82-OS1.1]
	[F02-OP1.2]
5.5.4.1. General Ventilation	
(1)	(b) [F81,F82-OS1.1]
5.5.4.2. Power-Ventilated Enclosure	
(2)	[F02-OS1.2] Applies to portion of Code text: "A power-ventilated enclosure required in Sentence (1) shall not be used for the storage of dangerous goods ..."
	[F02-OP1.2] Applies to portion of Code text: "A power-ventilated enclosure required in Sentence (1) shall not be used for the storage of dangerous goods ..."
5.5.4.3. Enclosure Exhaust Ventilation	
(2)	[F02-OS1.2]
	[F12-OP1.2]
	[F44-OS3.4]
	[F43-OH5]
(3)	(a) [F02-OS1.2] [F82-OS1.1]
	(a) [F02-OP1.2] [F82-OP1.1]
5.5.5.1. Maximum Quantities	
(1)	(a) [F02-OS1.2]
	(a) [F02-OP1.2]
	[F02-OP1.2]
	[F02-OS1.2]
(3)	[F02-OS1.2] Applies to storing outside the laboratory.
	[F02-OP1.2] Applies to storing outside the laboratory.

Table 5.7.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 5
 Forming Part of Sentence 5.7.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
5.5.5.2. Containers for Flammable and Combustible Liquids	
(2)	[F02,F04-OS1.2] [F43,F01-OS1.1]
	[F02,F04-OP1.2] [F01,F43-OP1.1]
(3)	[F01,F43-OS1.1]
	[F01,F43-OP1.1]
(4)	[F43,F01-OS1.1]
5.5.5.3. Compressed Gases	
(1)	[F02-OS1.2]
	[F02-OP1.2]
(2)	[F81-OS1.1]
	[F81-OS3.4]
(3)	(a) [F81-OS1.1] [F12-OS1.1,OS1.2]
	(b) [F12-OS3.4]
	(b) [F12-OP1.2]
	(a) [F12-OP1.2]
	(a) [F81,F12-OS3.4]
	(b) [F12-OS1.1,OS1.2]
(4)	[F43-OS1.1]
	[F43-OS3.4]
(5)	[F43-OS3.4]
	[F43-OH5]
	(b) [F11,F12,F13-OS3.4]
	(b) [F11,F12,F13-OH5]
(6)	[F01,F02-OS1.1,OS1.2]
	[F01,F02-OP1.1,OP1.2]
(7)	[F44-OS3.4]
	[F44-OH5]
	[F01-OS1.1]
	[F01-OP1.1]
5.5.5.4. Refrigerated Storage	
(2)	[F01,F43-OS1.1]
5.5.5.5. Dangerously Reactive Materials	
(1)	[F81-OS1.1]
(2)	[F01-OS1.1] [F02-OS1.2]
	[F01-OP1.1] [F02-OP1.2]

Table 5.7.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 5
 Forming Part of Sentence 5.7.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
5.5.5.6. Perchloric Acid	
(1)	(b) [F81-OS1.1]
(2)	[F01-OS1.1] [F02-OS1.2]
	[F01-OP1.1] [F02-OP1.2]
(3)	[F01-OS1.1]
5.5.5.7. Chemical Wastes	
(1)	(a) [F81-OS1.1]
5.6.1.2. Protection of Adjacent Buildings	
(1)	[F02,F03-OP3.1]
5.6.1.3. Fire Safety Plan	
(1)	[F11,F13,F12-OS1.2,OS1.5] [F01,F82-OS1.1] [F02,F82-OS1.2]
	[F13,F12-OP1.2] [F01,F82-OP1.1] [F02,F82-OP1.2]
5.6.1.4. Access for Firefighting	
(1)	[F12-OS1.2]
	[F12-OP1.2]
(2)	[F12-OS1.2,OS1.5]
	[F12-OP1.2]
(3)	[F12-OS1.2,OS1.5]
	[F12-OP1.2]
(4)	[F12-OS1.2,OS1.5]
	[F12-OP1.2]
(5)	[F12-OS1.2,OS1.5]
	[F12-OP1.2]
5.6.1.5. Portable Extinguishers	
(1)	[F12-OS1.2]
	[F12-OP1.2]
(2)	[F02-OS1.2]
	[F02-OP1.2]
5.6.1.6. Standpipe Systems	
(1)	[F02,F12-OS1.2]
	[F02,F12-OP1.2]
(2)	[F02,F12-OS1.2]
	[F02,F12-OP1.2]
(3)	[F12,F82-OS1.2]
	[F12,F82-OP1.2]

Table 5.7.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 5
 Forming Part of Sentence 5.7.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
5.6.1.7. Hot Surface Applications	
(2)	[F01-OS1.1]
	[F01-OP1.1]
(3)	[F01-OS1.2]
	[F01-OP1.2]
5.6.1.8. Ignition Sources	
(1)	[F01-OS1.1]
	[F01-OP1.1]
(2)	[F01-OS1.1,OS1.2]
	[F01-OP1.1]
5.6.1.9. Building Services at Demolition Sites	
(1)	[F01,F43-OS1.1]
	[F01,F43-OP1.1]
	[F32-OS3.3]
(2)	[F81-OS1.1,OS1.2]
	[F81-OP1.1,OP1.2]
(3)	[F32-OS3.4]
	[F01-OS1.1,OS1.2]
5.6.1.10. Fuel Supply Installation	
(1)	[F81,F43-OS1.1]
5.6.1.11. Tank, Piping and Machinery Reservoir Safety at Demolition Sites	
(2)	[F01,F43-OS1.1] [F01-OS1.1]
(3)	[F01,F81-OS1.1]
(4)	[F01,F43-OS1.1]
5.6.1.12. Fire Separations in Partly Occupied Buildings	
(1)	[F03-OS1.2]
	[F03-OP1.2]
5.6.1.13. Protection during Shutdown	
(1)	[F12,F82-OS1.2]
	[F12,F82-OP1.2]
	[F02-OP3.1]
(2)	[F02-OP1.2]
	[F02-OP3.1]
	[F02-OS1.2,OS1.5]

Table 5.7.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 5
 Forming Part of Sentence 5.7.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
5.6.1.14. Watch	
(1)	[F02-OS1.2,OS1.5]
(2)	[F02-OS1.5,OS1.2]
(3)	[F13-OS1.5,OS1.2]
5.6.1.15. Smoking Restrictions	
(1)	[F01-OS1.1]
5.6.1.16. Provision for Egress	
(1)	[F10,F82-OS3.7]
(2)	[F10,F82-OS3.7]
5.6.1.17. Fire Warning	
(1)	[F11-OS1.5]
5.6.1.19. Temporary Enclosures	
(1)	[F01-OS1.1,OS1.2]
5.6.1.20. Disposal of Combustible Refuse	
(1)	[F02-OS1.1,OS1.2]
	[F02-OP1.2]
5.6.2.1. Services Shut-off	
(1)	[F01,F43,F81-OS1.1,OS1.2]
	[F01,F43,F81-OP1.1,OP1.2]
	[F32-OS3.3]
(2)	[F81-OS1.1,OS1.2]
	[F81-OP1.1,OP1.2]
5.6.2.2. Maintaining Existing Services	
(1)	[F81-OS1.1,OS1.2]
5.6.3.2. Smoking Restrictions	
(1)	[a] [F01-OS1.1]
	[b] [F01-OS1.1]
	[c] [F01-OS1.1]
	[d] [F01,F03-OS1.1,OS1.2]
	[d] [F01,F03-OP1.1,OP1.2]
5.6.3.3. Site Identification	
(1)	[F12-OS1.2]
	[F12-OP1.2]
(2)	[F12-OP3.1]

Table 5.7.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 5
 Forming Part of Sentence 5.7.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
5.6.3.4. Disposal of Combustible Refuse	
(1)	[F03,F12-OS1.2] [F05,F10-OS1.5]
(2)	[F01,F03-OS1.2]
	[F01,F03-OP1.2]
5.6.3.5. Water Supply	
(1)	[F02-OP3.1]
	[F02-OP1.2]
	[F02-OS1.2]
5.6.3.6. Hydrant Access	
(1)	[F02-OP3.1]
	[F02-OP1.2]
	[F02-OS1.2]
5.6.3.7. Construction Access	
(1)	[F10,F12-OS1.2] [F02-OS1.5]
	[F30-OS3.1]
	[F02,F12-OP1.2]
(2)	[F10,F12-OS1.2] [F02,F12-OS1.5]
	[F02,F12-OP1.2]
5.6.3.8. Site Security	
(1)	[F34-OS1.1,OS1.2]
(2)	[F34-OS1.1,OS1.2]
(3)	[F34-OS1.1,OS1.2]
(4)	[F12-OS1.1,OS1.2]

Notes to Table 5.7.1.1.:

(1) See Parts 2 and 3 of Division A.