

Section 3.4. Objectives and Functional Statements

3.4.1. Objectives and Functional Statements

3.4.1.1. 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 3.4.1.1. (See Note A-1.1.2.1.(1).)

Table 3.4.1.1.
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 3
 Forming Part of Sentence 3.4.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
3.1.1.2. Radioactive Materials	
(1)	[F01,F02,F03,F81-OS1.1,OS1.2]
3.1.1.3. Explosives	
(1)	[F01,F02,F03,F81-OS1.1,OS1.2]
3.1.1.4. Compressed Gases	
(2)	[F01,F02,F03,F81-OS1.1,OS1.2]
(3)	[F01,F02,F03,F81-OS1.1,OS1.2]
3.1.2.2. Ambient Temperature	
(1)	[F51-OS1.1]
(2)	[F51-OS1.1]
(3)	[F51-OS1.1]
3.1.2.3. Packages and Containers	
(1)	[F20,F43,F80,F81-OH5]
	[F20,F43,F80,F81-OS3.4]
	[F20,F43,F80,F81,F01-OS1.1]
(2)	[F20,F43,F80,F81-OH5]
	[F20,F43,F80,F81-OS3.4]
	[F20,F43,F80,F81,F01-OS1.1]
3.1.2.4. Storage Arrangement and Conditions	
(1)	[F01,F20,F43-OS1.1,OS1.2]
	[F20,F43-OS3.4]
	[F20-OS3.7]
	[F01,F20,F43-OP1.1,OP1.2]
	[F20,F43-OH5]
(2)	(a) [F01,F43-OS1.1,OS1.2]
	(a) [F43-OS3.4]
	(a) [F01,F43-OP1.1,OP1.2]
	(a) [F43-OH5]
	(b) [F01-OS1.1]
	(b) [F01-OP1.1]
3.1.2.5. Compressed Gases	
(1)	[F81-OS3.4]
	[F81-OS1.1]
(2)	[F81-OS3.4]
	[F81-OS1.1]

Table 3.4.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 3
 Forming Part of Sentence 3.4.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
(3)	[F81,F22-OS3.4]
	[F22,F81-OS1.1]
(4)	[F05-OS1.5]
3.1.2.6. Reactive Materials	
(2)	[F22,F51,F81-OS1.1]
(3)	[F01,F52-OS1.1]
(4)	[F01-OS1.1]
3.1.2.7. Fire Safety Plan	
(1)	[F12-OS1.1]
(2)	[F12-OS1.1]
3.1.3.1. Industrial Trucks	
(1)	[F01,F81,F82-OS1.1]
(2)	[F01,F81-OS1.1]
(3)	[F01,F81-OS1.1]
3.1.3.2. Fuel-Fired Industrial Trucks	
(1)	(a) [F03-OS1.2]
	(a) [F03-OP1.2]
	(b) [F03-OS1.2]
	(b) [F03-OP1.2]
	(c) [F01,F02-OS1.1]
	(c) [F01,F02-OP1.1]
(2)	[F01,F44-OS1.1]
	[F01,F44-OP1.1]
(3)	(a) to (c) [F01-OS1.1]
	(a) to (c) [F01-OP1.1]
	(d) [F01,F02-OP1.1]
	(d) [F01,F02-OS1.1]
(4)	[F03,F12-OS1.2]
	[F02,F12-OP1.2]
3.1.3.3. Battery-Powered Industrial Trucks	
(1)	(a) [F03-OS1.2]
	(a) [F03-OP1.2]
	(b) to (d) [F01-OS1.1]
	(b) to (d) [F01-OP1.1]
(2)	[F02,F12-OP1.2]
	[F02,F12-OS1.2]

Table 3.4.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 3
 Forming Part of Sentence 3.4.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
3.1.3.4. Training	
(1)	[F12-OP1.1]
	[F12-OS1.1]
	[F12-OP1.2]
	[F12-OS1.2]
3.2.1.1. Application	
(2)	[F02-OP1.2]
	[F02-OS1.2]
3.2.2.2. Access Aisles	
(1)	[F12-OP1.2]
	[F12-OS1.2]
(2)	[F12-OP1.2]
	[F12-OS1.2]
(3)	[F12-OP1.2]
	[F12-OS1.2]
(4)	[F12-OP1.2]
	[F12-OS1.2]
(5)	[F12-OP1.2]
	[F12-OS1.2] [F06-OS1.5]
(6)	[F06,F02-OP1.2]
	[F06-OS1.5] [F02-OS1.2]
(7)	[F12-OP1.2]
	[F12-OS1.2]
(8)	[F12-OP1.2]
	[F12-OS1.2]
3.2.2.3. Clearances	
(1)	[F21-OP1.3,OP1.2]
	[F21-OS1.3,OS1.2]
(2)	[F12-OP1.2]
	[F12-OS1.2]
(3)	[F04-OP1.3,OP1.2]
	[F04-OS1.3,OS1.2]
(4)	[F02-OP1.2]
	[F02-OS1.2]
(5)	[F01-OS1.1]

Table 3.4.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 3
 Forming Part of Sentence 3.4.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
3.2.2.4. Combustible Pallets	
(2)	[F02-OP1.2]
	[F02-OS1.2]
(3)	[F02-OS1.2]
	[F02-OP1.2]
3.2.2.5. Fire Safety Plan	
(2)	[F81,F02,F12-OP1.2]
	[F81-OS1.1] [F81,F02,F12-OS1.2]
(3)	[F81,F02,F12-OP1.2]
	[F81-OS1.1] [F81,F02,F12-OS1.2]
(4)	[F81,F02,F12-OP1.2]
	[F81-OS1.1] [F81,F02,F12-OS1.2]
(5)	[F02,F12-OP1.2]
	[F02,F12-OS1.2]
3.2.2.6. Smoking	
(1)	[F01-OS1.1]
3.2.2.7. Storage Arrangements	
(1)	[F20-OS1.1,OS1.2] [F04-OS1.2,OS1.5]
3.2.3.2. Individual Storage Areas	
(1)	[F02-OS1.2]
	[F02-OP1.2]
	[F04-OP1.2]
	[F20-OS1.1] [F04-OS1.2,OS1.5]
(2)	[F04,F02-OP1.2]
	[F20-OS1.1] [F04,F02-OS1.2]
3.2.3.3. Sprinkler Systems	
(1)	[F02,F81-OP1.2]
	[F02,F81-OS1.2]
(2)	[F02,F81-OP1.2]
	[F02,F81-OS1.2]
3.2.4.3. Sprinkler Protection	
(1)	[F02,F81-OP1.2]
	[F02,F81-OS1.2]
3.2.4.4. Portable Extinguishers	
(1)	[F02,F12,F81-OP1.2]
	[F02,F12,F81-OS1.2]

Table 3.4.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 3
 Forming Part of Sentence 3.4.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
3.2.5.4. Level 2 and 3 Aerosols	
(1)	[F02,F03-OP1.2] Applies to conformance to Table 3.2.5.4.
	[F02,F03-OS1.2] Applies to conformance to Table 3.2.5.4.
(2)	[F02,F03-OP1.2]
	[F02,F03-OS1.2]
3.2.5.5. Sprinkler Systems	
(1)	[F02,F81-OP1.2]
	[F02,F81-OS1.2]
(2)	[F02,F03-OP1.2]
	[F02,F03-OS1.2]
3.2.5.6. Type A Dedicated Areas	
(1)	[F20-OS1.2]
	[F20-OP1.2]
(2)	[F20-OS1.2]
3.2.5.7. Type B Dedicated Areas	
(1)	[F03,F20-OP1.2]
	[F03,F20-OS1.2]
3.2.5.8. Storage Height	
(1)	[F04-OP1.2]
	[F20,F81-OS1.1] [F04-OS1.2,OS1.5]
(2)	(b) [F02,F03,F20,F04-OS1.2] [F20-OS1.1]
	(b) [F02,F03,F04,F20-OP1.2]
	(a) [F02,F03,F20-OP1.2]
	(a) [F02,F03,F20-OS1.2]
3.2.5.9. Aisles	
(1)	[F03-OP1.2]
	[F03-OS1.2] [F06-OS1.5]
3.2.6.3. Loose Combustible Fibres	
(1)	[F03,F02-OS1.2]
	[F03,F02-OP1.2]
(2)	[F03,F02-OP1.2]
	[F03,F02-OS1.2]
(3)	[F03,F02-OP1.2]
	[F03,F02-OS1.2]
(4)	[F03,F02-OS1.2]
	[F03,F02-OP1.2]

Table 3.4.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 3
 Forming Part of Sentence 3.4.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
(5)	[F03,F02-OS1.2]
	[F03,F02-OP1.2]
3.2.6.4. Baled Combustible Fibres	
(1)	(b) [F04-OS1.2,OS1.5]
	(a) [F02-OP1.2]
	(d) [F21-OS1.3,OS1.2]
	(b) [F04-OP1.2]
	(c) [F21-OS1.5]
	(d) [F21-OP1.3,OP1.2]
	(a) [F02-OS1.2]
(2)	[F02-OP1.2]
	[F02-OS1.2]
(3)	(b) [F04-OS1.5,OS1.2]
	(b) [F04-OP1.2]
	(a) [F02-OP1.2]
	(a) [F02-OS1.2]
(4)	(b) [F04-OS1.5,OS1.2]
	(b) [F04-OP1.2]
	(a) [F02-OP1.2]
	(a) [F02-OS1.2]
(5)	[F04-OP1.2]
	[F04-OS1.5,OS1.2]
3.2.6.5. Heating Equipment	
(1)	[F01-OS1.1]
(2)	[F01-OS1.1]
3.2.7.2. Ignition Sources	
(1)	[F01-OS1.1]
(2)	[F01-OS1.1] Applies to portion of Code text: "Smoking shall not be permitted within a fire compartment used for the storage of dangerous goods ..."
(3)	[F01-OS1.1]
3.2.7.3. Ambient Conditions	
(1)	(b) [F01-OS1.1]
	(b) [F40-OS3.4]
	(a) [F51,F52-OS1.1]
	(a) [F51,F52-OS3.4]

Table 3.4.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 3
 Forming Part of Sentence 3.4.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
3.2.7.4. Housekeeping	
(1)	[F81,F01-OS1.1]
(2)	[F43,F81-OS3.4]
	[F43-OH5]
	[F43,F81-OS1.1]
3.2.7.5. Storage Arrangements	
(1)	(b) [F20-OS1.1,OS1.2] [F04-OS1.2,OS1.5]
	(b) [F20-OS3.4]
	(a) [F20-OS3.4]
	(a) [F20-OS1.1,OS1.2] [F04-OS1.2,OS1.5]
	(c) [F02-OS1.1]
	(c) [F02-OP1.2]
(2)	[F20-OS1.1,OS1.2] [F04-OS1.2,OS1.5] [F02-OS1.2]
(3)	[F02-OP1.2]
	[F02-OS1.2]
(4)	[F81,F43,F12-OS3.4]
	[F81,F12-OH5]
	[F81,F01,F12-OS1.1]
(8)	[F01-OP1.2]
	[F01-OS1.2]
(9)	[F81,F82-OS3.4]
	[F81,F82-OS1.1] [F10-OS1.5]
3.2.7.6. Separation from Other Dangerous Goods	
(1)	[F43-OS3.4]
	[F01-OS1.1]
(3)	[F43-OS3.4]
	[F01-OS1.1]
(4)	[F02-OS1.1,OS3.4]
3.2.7.7. Corrosion Protection	
(1)	[F80-OS3.4]
	[F80-OH5]
	[F80-OS1.1]
3.2.7.8. Flooring Materials	
(1)	(b) [F01-OS1.1]
(2)	[F01-OS1.1]

Table 3.4.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 3
 Forming Part of Sentence 3.4.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
3.2.7.9. Fire Suppression Systems	
(1)	[F02-OP1.2]
	[F02-OS1.2]
(2)	[F02,F03-OP1.2] [F01-OP1.1]
	[F02,F03-OS1.2] [F01-OS1.1]
3.2.7.10. Smoke Venting	
(1)	[F12,F02-OP1.2]
	[F12,F02-OS1.2,OS1.5]
3.2.7.11. Spill Control	
(2)	(a) [F43-OS3.4]
	(a) [F01-OS1.1]
3.2.7.12. Fire Department Access	
(2)	[F12-OP1.2]
	[F12-OS1.2]
(3)	[F12-OP1.2]
	[F12-OS1.2]
3.2.7.13. Labels	
(1)	[F12,F81-OS3.4]
	[F12-OS1.1,OS1.2] [F81-OS1.1]
3.2.7.14. Placards	
(1)	[F12,F81-OS3.4]
	[F12-OS1.1,OS1.2] [F81-OS1.1]
(2)	[F12-OS3.4]
	[F12-OS1.2]
(3)	[F12-OS3.4]
	[F12-OS1.2]
(4)	[F12-OS3.4]
	[F12-OS1.2]
3.2.7.15. Training	
(1)	(c) [F12-OS1.1,OS1.2] [F81-OS1.1]
	(b) [F12-OS1.1,OS1.2] [F81-OS1.1]
	(b) [F12,F81-OS3.4]
	(c) [F12-OS3.4]
(2)	[F81-OS3.4]
	[F81-OS1.1]
(3)	[F81,F12-OS3.4]
	[F81,F12-OS1.1]

Table 3.4.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 3
 Forming Part of Sentence 3.4.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
3.2.7.16. Unauthorized Access	
(1)	[F34-OH5]
	[F34-OS3.4]
	[F34-OS1.1]
3.2.7.17. Separation from Combustible Products	
(1)	[F03-OS1.2] [F01-OS1.1]
3.2.7.18. Storage of Oxidizers in Mercantile Occupancies	
(2)	[F03-OS1.2] [F01-OS1.1]
(3)	[F03-OS1.2] [F01-OS1.1]
3.2.8.2. Flammable Gases	
(1)	(d) [F02-OS1.3]
	(f) [F01-OS1.1]
	(b) [F12-OS1.2] [F01-OS1.1] [F02-OS1.3]
	(g) [F01,F02-OS1.1]
	(b) [F02-OP1.3]
(2)	(a) [F01-OS1.1]
	(b) [F01-OS1.1] [F02-OS1.2]
(3)	[F01,F02,F03,F81-OS1.1,OS1.2]
3.2.8.3. Indoor Storage of Anhydrous Ammonia and Toxic or Oxidizing Gases	
(1)	(d) [F44-OS1.2,OS1.5,OS1.1]
	(b) [F12-OS1.2] [F01-OS1.1]
(2)	[F01,F02-OS1.1,OS1.2,OS1.5]
3.2.9.3. Industrial Trucks	
(1)	[F01,F81-OS1.1]
(2)	[F01,F81-OS1.1]
(3)	[F03-OS1.2] [F01-OS1.1]
	[F03-OP1.2] [F01-OP1.1]
(4)	[F01-OS1.1]
3.2.9.4. Portable Extinguishers	
(1)	[F02-OS1.2]
3.3.2.2. Height	
(1)	[F04-OP3.1]
	[F04-OS1.5]
3.3.2.3. Individual Storage Areas and Clearances	
(2)	[F03-OP3.1]

Table 3.4.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 3
 Forming Part of Sentence 3.4.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
3.3.2.4. Storage beneath Power Lines	
(1)	[F06-OS1.1] [F01,F06-OP3.1]
3.3.2.5. Fire Department Access	
(1)	[F12-OP3.1]
(2)	[F12-OP3.1]
3.3.2.6. Fencing	
(1)	[F34-OS3.4] [F34-OH5] [F34-OP3.1]
(2)	[F12-OP3.1]
3.3.2.7. Maintenance	
(1)	(b) [F12-OP3.1]
(2)	(b) [F12-OP3.1]
3.3.2.8. Ignition Sources	
(1)	[F01-OP3.1]
(2)	[F01-OP3.1]
(3)	(b) [F03-OS1.2] Applies to portion of Code text: "... located not less than 15 m from a building ..." [F01,F03-OP3.1]
3.3.2.9. Fire Safety Plan	
(2)	[F81,F12,F13-OH5] [F01,F81,F12,F02,F13-OP3.1]
(3)	[F81,F12-OH5] [F81,F12-OP3.1]
3.3.2.10. Portable Extinguishers	
(2)	[F02-OP3.1]
3.3.2.11. Site Preparation	
(1)	[F04-OS1.2] [F20-OS3.4] [F04,F12-OP3.1]
3.3.2.12. Fuel Dispensing	
(2)	[F03-OP3.1]
3.3.2.14. Fire Separation	
(1)	[F03-OP3.1]
3.3.2.15. Fire Protection	
(1)	[F02-OP3.1]

Table 3.4.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 3
 Forming Part of Sentence 3.4.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
3.3.3.2. Individual Storage Areas and Clearance	
(1)	[F04-OS1.5] [F02,F03-OP3.1] Applies to the maximum size (base area) and minimum clearances. [F04-OP3.1] Applies to the maximum height.
(2)	[F03-OP3.1] [F03-OS1.2]
(3)	[F02,F03-OP3.1] [F02,F03-OS1.2]
(4)	[F02-OP3.1] [F02-OS1.2]
3.3.3.3. Rubber Tires	
(1)	[F06-OP3.1]
3.3.4.2. Individual Storage Areas and Clearances	
(1)	[F02-OP3.1] [F02-OS1.2]
(2)	[F03-OP3.1] [F03-OS1.2]
(3)	[F20-OS3.4] [F20-OS1.1] [F04-OS1.2,OS1.5]
3.3.4.3. Separation from Other Dangerous Goods	
(2)	[F43-OS3.4] [F01-OS1.1]
3.3.4.4. Separation from Combustible Products	
(1)	[F03,F01-OS1.1]
3.3.4.7. Safety Precautions	
(1)	[F43-OS1.1]
(2)	[F43,F81-OS3.4] [F43-OH5] [F43,F81-OS1.1]
3.3.4.8. Intermodal Shipping Containers	
(1)	[F01-OS1.1] [F43-OS3.4]
3.3.5.2. Location	
(1)	(a) [F80,F81,F02-OS1.1] (b) [F34-OS1.2] (b) [F34-OP1.2]

Table 3.4.1.1. (continued)
Objectives and Functional Statements Attributed to the Acceptable Solutions in Part 3
 Forming Part of Sentence 3.4.1.1.(1)

Functional Statements and Objectives ⁽¹⁾	
3.3.5.3. Clearances	
(1)	[F44-OS3.4]
	[F44-OS1.1]
(2)	[F44-OS3.4]
	[F01,F44-OS1.1] [F03-OS1.2]

Notes to Table 3.4.1.1.:

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