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Proposed Change 2010

Code Reference(s): **NFC20 Div.B 3.1.2.7. (first printing)**
NFC20 Div.B 3.2.2.5. (first printing)
NFC20 Div.B 3.2.7.14. (first printing)
NFC20 Div.B 3.3.2. (first printing)
NFC20 Div.B 5.1. (first printing)
NFC20 Div.B 5.2.3. (first printing)
NFC20 Div.B 5.5.3.1. (first printing)
NFC20 Div.B 5.6.1. (first printing)

Subject: Fire Safety Plan

Title: Deletion of Redundant Provisions Pointing to the Fire Safety Plan in the NFC

Description: This proposed change deletes redundant provisions that point to Section 2.8., Emergency Planning, from other Parts of the NFC.

This change could potentially affect the following topic areas:

- | | |
|--|---|
| <input type="checkbox"/> Division A | <input checked="" type="checkbox"/> Division B |
| <input type="checkbox"/> Division C | <input type="checkbox"/> Design and Construction |
| <input checked="" type="checkbox"/> Building operations | <input type="checkbox"/> Housing |
| <input checked="" type="checkbox"/> Small Buildings | <input checked="" type="checkbox"/> Large Buildings |
| <input checked="" type="checkbox"/> Fire Protection | <input checked="" type="checkbox"/> Occupant safety in use |
| <input type="checkbox"/> Accessibility | <input type="checkbox"/> Structural Requirements |
| <input type="checkbox"/> Building Envelope | <input type="checkbox"/> Energy Efficiency |
| <input type="checkbox"/> Heating, Ventilating and Air Conditioning | <input type="checkbox"/> Plumbing |
| | <input checked="" type="checkbox"/> Construction and Demolition Sites |

Problem

In the 2020 edition of the National Fire Code of Canada (NFC), fire safety plan requirements were consolidated in Section 2.8. of Division B. However, pointer provisions were left in other Parts of the NFC where the previous requirements related to the fire safety plan existed to direct Code users to Section 2.8. for the consolidated requirements. These pointer provisions are redundant and may cause confusion for Code users, as they are not consistently provided in all situations where a fire safety plan is required.

If a pointer to Section 2.8. is not provided for buildings or occupancies where a fire safety plan is actually required, then Code users may assume that a fire safety plan is not needed. Therefore, Code users may fail to refer to Section 2.8. for the applicable requirements. The lack of a fire safety plan could lead to delays in evacuation and emergency responder operations, which could lead to harm to persons.

Justification

Requirements related to the fire safety plan have been consolidated in Section 2.8. of the NFC 2020. This proposed change would delete redundant provisions from Parts 3 and 5 that point Code users to Section 2.8. for the consolidated requirements on the preparation of a fire safety plan.

Section 2.8. is intended to be the central location for Code users to find all of the applicable requirements related to the fire safety plan. Article 2.8.1.1. already lists all of the situations where a fire safety plan is required. As such, the pointer provisions in other Parts of the NFC are unnecessary and can be deleted.

PROPOSED CHANGE

NFC20 Div.B 3.1.2.7. (first printing)

~~[3.1.2.7.] 3.1.2.7. Fire Safety Plan~~

~~[1] 1) A fire safety plan conforming to Section 2.8. shall be prepared.~~

NFC20 Div.B 3.2.2.5. (first printing)

~~[3.2.2.5.] 3.2.2.5. Fire Safety Plan~~

~~[1] 1) A fire safety plan conforming to Section 2.8. and Sentence (2) shall be prepared.~~

[2] 2) The storage method and maximum height of storage as established in the fire safety plan in accordance with Clauses 2.8.2.4.(2)(b) and (c) shall be posted in the storage area.

[3] 3) Signs required in Sentence (2) shall have
[a] a) a minimum dimension of 200 mm, and
[b] b) letters not less than 25 mm high.

NFC20 Div.B 3.2.7.14. (first printing)

~~[3.2.7.14.] 3.2.7.14. Placards~~

[1] 1) *Individual storage areas* used for the storage of *dangerous goods* and laboratories where *dangerous goods* are used shall be clearly designated as such by posted placards conforming to TC SOR/2001-286, "Transportation of Dangerous Goods Regulations (TDGR)", and Sentences (2) to (4). (See Note A-3.2.7.14.(1).)

- [2] 2) Where the *dangerous goods* identified in Sentence (1) consist of a single product, only the UN number need be posted.
- [3] 3) Where the *dangerous goods* identified in Sentence (1) consist of multiple products within the same class, the individual class and division placard shall be posted.
- [4] 4) Where the *dangerous goods* identified in Sentence (1) consist of more than one class of products, a placard for each individual class, or the "Danger" placard shown in TC SOR/2001-286, "Transportation of Dangerous Goods Regulations (TDGR)", shall be posted at the entrance to the storage area.
- ~~[5] 5) Individual storage areas described in Sentence (1) shall be identified in the fire safety plan as required in Article 2.8.2.4.~~
-

NFC20 Div.B 3.3.2. (first printing)

[3.3.2.] 3.3.2. General

[3.3.2.1.] 3.3.2.1. Application

[3.3.2.2.] 3.3.2.2. Height

[3.3.2.3.] 3.3.2.3. Individual Storage Areas and Clearances

[3.3.2.4.] 3.3.2.4. Storage beneath Power Lines

[3.3.2.5.] 3.3.2.5. Fire Department Access

[3.3.2.6.] 3.3.2.6. Fencing

[3.3.2.7.] 3.3.2.7. Maintenance

[3.3.2.8.] 3.3.2.8. Ignition Sources

~~[3.3.2.9.] 3.3.2.9. Fire Safety Plan~~

- ~~[1] 1) A fire safety plan conforming to Section 2.8. shall be prepared.~~

[3.3.2.10.] 3.3.2.10. Portable Extinguishers

[3.3.2.11.] 3.3.2.11. Site Preparation

[3.3.2.12.] 3.3.2.12. Fuel Dispensing

[3.3.2.13.] 3.3.2.13. Spill Control

[3.3.2.14.] 3.3.2.14. Fire Separation

[3.3.2.15.] 3.3.2.15. Fire Protection

NFC20 Div.B 5.1. (first printing)

[5.1.] 5.1. General

[5.1.1.] 5.1.1. Scope

[5.1.1.1.] 5.1.1.1. Application

[5.1.1.2.] 5.1.1.2. Explosives

[5.1.1.3.] 5.1.1.3. Display Fireworks

[5.1.2.] 5.1.2. Electrical Installations

[5.1.2.1.] 5.1.2.1. Hazardous Locations

[5.1.2.2.] 5.1.2.2. General

[5.1.3.] 5.1.3. Ventilation

[5.1.3.1.] 5.1.3.1. Ventilation

[5.1.4.] 5.1.4. Flash Point

[5.1.4.1.] 5.1.4.1. Flash Point

[5.1.5.] 5.1.5. Fire Safety Plan

[5.1.5.1.] 5.1.5.1. Fire Safety Plan

[1] 1) A fire safety plan conforming to Section 2.8. shall be prepared.

NFC20 Div.B 5.2.3. (first printing)**[5.2.3.] 5.2.3. Prevention of Fires****[5.2.3.1.] 5.2.3.1. Location of Operations****[5.2.3.2.] 5.2.3.2. Protection of Combustible and Flammable Materials****[5.2.3.3.] 5.2.3.3. Fire Watch****[5.2.3.4.] 5.2.3.4. Work on Containers, Equipment or Piping****[5.2.3.5.] 5.2.3.5. Work Adjacent to Piping****[5.2.3.6.] 5.2.3.6. Fire Extinguishing Equipment****~~[5.2.3.7.] 5.2.3.7. Fire Safety Plan~~**

- ~~[1] 1) A fire safety plan conforming to Section 2.8. shall be prepared for buildings and areas described in Article 2.8.1.1. where hot works are conducted.~~

NFC20 Div.B 5.5.3.1. (first printing)**[5.5.3.1.] 5.5.3.1. Emergency Planning**

- ~~[1] 1) A fire safety plan conforming to Section 2.8. shall be prepared.~~
- [2] 2) Except as provided in Sentences (3) to (6), a laboratory shall conform to the requirements for emergency planning stated in Section 2.8.
- [3] 3) Personnel working in a laboratory shall be trained in the safe handling and use of *dangerous goods*, in conformance with Article 3.2.7.15.
- [4] 4) *Dangerous goods* shall be identified in conformance with Article 3.2.7.13.
- [5] 5) The laboratory shall be clearly designated as an area containing *dangerous goods* in conformance with Article 3.2.7.14.
- [6] 6) Measures shall be taken to prevent access to the laboratory by unauthorized persons.

NFC20 Div.B 5.6.1. (first printing)**[5.6.1.] 5.6.1. General****[5.6.1.1.] 5.6.1.1. Application****[5.6.1.2.] 5.6.1.2. Measures to Mitigate Fire Spread to Adjacent Buildings****~~[5.6.1.3.] 5.6.1.3. Fire Safety Plan~~**

- ~~[1] 1) A fire safety plan conforming to Section 2.8. shall be prepared.~~

[\[5.6.1.4.\]](#) 5.6.1.4. Access for Firefighting

[\[5.6.1.5.\]](#) 5.6.1.5. Portable Extinguishers

[\[5.6.1.6.\]](#) 5.6.1.6. Standpipe Systems

[\[5.6.1.7.\]](#) 5.6.1.7. Hot Surface Applications

[\[5.6.1.8.\]](#) 5.6.1.8. Ignition Sources

[\[5.6.1.9.\]](#) 5.6.1.9. Building Services at Demolition Sites

[\[5.6.1.10.\]](#) 5.6.1.10. Fuel Supply Installation

[\[5.6.1.11.\]](#) 5.6.1.11. Tank, Piping and Machinery Reservoir Safety at Demolition Sites

[\[5.6.1.12.\]](#) 5.6.1.12. Fire Separations in Partly Occupied Buildings

[\[5.6.1.13.\]](#) 5.6.1.13. Protection during Shutdown

[\[5.6.1.14.\]](#) 5.6.1.14. Watch

[\[5.6.1.15.\]](#) 5.6.1.15. Smoking Restrictions

[\[5.6.1.16.\]](#) 5.6.1.16. Provision for Egress

[\[5.6.1.17.\]](#) 5.6.1.17. Fire Warning

[\[5.6.1.18.\]](#) 5.6.1.18. Storage and Use of Dangerous Goods

[\[5.6.1.19.\]](#) 5.6.1.19. Temporary Enclosures

[\[5.6.1.20.\]](#) 5.6.1.20. Disposal of Combustible Refuse

Impact analysis

This proposed change has no associated cost implications.

This proposed change would eliminate confusion arising from the inconsistent presence of provisions that point to Section 2.8. for requirements related to the fire safety plan. In turn, this proposed change would prevent the misinterpretation of the Code and facilitate enforcement of Code requirements related to the fire safety plan.

Enforcement implications

This proposed change would be enforced by the infrastructure that is currently available to enforce the Code. This proposed change would reduce the potential for confusion or misinterpretation on when the requirements of Section 2.8. related to the fire safety plan would apply.

Who is affected

Designers, contractors, building owners, emergency responders and building officials.

OBJECTIVE-BASED ANALYSIS OF NEW OR CHANGED PROVISIONS

NFC20 Div.B 3.1.2.7. (first printing)

~~[3.1.2.7.] 3.1.2.7. ([1] 1) no attributions~~

NFC20 Div.B 3.2.2.5. (first printing)

~~[3.2.2.5.] 3.2.2.5. ([1] 1) no attributions~~

[3.2.2.5.] 3.2.2.5. ([2] 2) [F81,F02,F12-OP1.2]

[3.2.2.5.] 3.2.2.5. ([2] 2) [F81-OS1.1] [F81,F02,F12-OS1.2]

[3.2.2.5.] 3.2.2.5. ([3] 3) [F81,F02,F12-OP1.2]

[3.2.2.5.] 3.2.2.5. ([3] 3) [F81-OS1.1] [F81,F02,F12-OS1.2]

NFC20 Div.B 3.2.7.14. (first printing)

[3.2.7.14.] 3.2.7.14. ([1] 1) [F12,F81-OS3.4]

[3.2.7.14.] 3.2.7.14. ([1] 1) [F12-OS1.1,OS1.2] [F81-OS1.1]

[3.2.7.14.] 3.2.7.14. ([2] 2) [F12-OS3.4]

[3.2.7.14.] 3.2.7.14. ([2] 2) [F12-OS1.2]

[3.2.7.14.] 3.2.7.14. ([3] 3) [F12-OS3.4]

[3.2.7.14.] 3.2.7.14. ([3] 3) [F12-OS1.2]

[3.2.7.14.] 3.2.7.14. ([4] 4) [F12-OS3.4]

[3.2.7.14.] 3.2.7.14. ([4] 4) [F12-OS1.2]

~~[3.2.7.14.] 3.2.7.14. ([5] 5) no attributions~~

NFC20 Div.B 3.3.2. (first printing)

- [3.3.2.1.] 3.3.2.1. ([1] 1) no attributions**
- [3.3.2.1.] 3.3.2.1. ([1] 1) no attributions**
- [3.3.2.2.] 3.3.2.2. ([1] 1) [F04-OP3.1]**
- [3.3.2.2.] 3.3.2.2. ([1] 1) [F04-OS1.5]**
- [3.3.2.3.] 3.3.2.3. ([1] 1) no attributions**
- [3.3.2.3.] 3.3.2.3. ([2] 2) [F03-OP3.1]**
- [3.3.2.4.] 3.3.2.4. ([1] 1) [F06-OS1.1]**
- [3.3.2.4.] 3.3.2.4. ([1] 1) [F01,F06-OP3.1]**
- [3.3.2.5.] 3.3.2.5. ([1] 1) [F12-OP3.1]**
- [3.3.2.5.] 3.3.2.5. ([2] 2) [F12-OP3.1]**
- [3.3.2.6.] 3.3.2.6. ([1] 1) [F34-OS3.4]**
- [3.3.2.6.] 3.3.2.6. ([1] 1) [F34-OH5]**
- [3.3.2.6.] 3.3.2.6. ([1] 1) [F34-OP3.1]**
- [3.3.2.6.] 3.3.2.6. ([2] 2) [F12-OP3.1]**
- [3.3.2.7.] 3.3.2.7. ([1] 1) ([b] b) [F12-OP3.1]**
- [3.3.2.7.] 3.3.2.7. ([1] 1) ([a] a)**
- [3.3.2.7.] 3.3.2.7. ([2] 2) ([b] b) [F12-OP3.1]**
- [3.3.2.7.] 3.3.2.7. ([2] 2) ([a] a)**
- [3.3.2.8.] 3.3.2.8. ([1] 1) [F01-OP3.1]**
- [3.3.2.8.] 3.3.2.8. ([2] 2) [F01-OP3.1]**
- [3.3.2.8.] 3.3.2.8. ([3] 3) ([b] b) [F03-OS1.2]**
- [3.3.2.8.] 3.3.2.8. ([3] 3) [F01,F03-OP3.1]**
- ~~[3.3.2.9.] 3.3.2.9. ([1] 1) no attributions~~**
- [3.3.2.10.] 3.3.2.10. ([1] 1) no attributions**
- [3.3.2.10.] 3.3.2.10. ([2] 2) [F02-OP3.1]**
- [3.3.2.11.] 3.3.2.11. ([1] 1) [F04-OS1.2]**
- [3.3.2.11.] 3.3.2.11. ([1] 1) [F20-OS3.4]**
- [3.3.2.11.] 3.3.2.11. ([1] 1) [F04,F12-OP3.1]**
- [3.3.2.12.] 3.3.2.12. ([1] 1) no attributions**
- [3.3.2.12.] 3.3.2.12. ([2] 2) [F03-OP3.1]**

[3.3.2.13.] 3.3.2.13. ([1] 1) no attributions

[3.3.2.14.] 3.3.2.14. ([1] 1) [F03-OP3.1]

[3.3.2.15.] 3.3.2.15. ([1] 1) [F02-OP3.1]

NFC20 Div.B 5.1. (first printing)

[5.1.1.1.] 5.1.1.1. ([1] 1) no attributions

[5.1.1.2.] 5.1.1.2. ([1] 1) [F01,F02-OS1.1]

[5.1.1.3.] 5.1.1.3. ([1] 1) [F01,F02-OS1.1]

[5.1.2.1.] 5.1.2.1. ([1] 1) [F01-OS1.1]

[5.1.2.2.] 5.1.2.2. ([1] 1) [F01-OS1.1]

[5.1.2.2.] 5.1.2.2. ([1] 1) no attributions

[5.1.3.1.] 5.1.3.1. ([1] 1) [F01-OS1.1]

[5.1.4.1.] 5.1.4.1. ([1] 1) no attributions

[5.1.5.1.] ~~5.1.5.1. ([1] 1) no attributions~~

NFC20 Div.B 5.2.3. (first printing)

[5.2.3.1.] 5.2.3.1. ([1] 1) [F01-OS1.1]

[5.2.3.1.] 5.2.3.1. ([2] 2) ([c] c) [F01-OS1.1] [F02-OS1.2]

[5.2.3.1.] 5.2.3.1. ([2] 2) ([c] c) [F01-OP1.1] [F02-OP1.2]

[5.2.3.1.] 5.2.3.1. ([2] 2) ([b] b)

[5.2.3.1.] 5.2.3.1. ([2] 2) ([a] a)

[5.2.3.1.] 5.2.3.1. ([3] 3) ([a] a) [F01-OS1.1]

[5.2.3.1.] 5.2.3.1. ([3] 3) ([b] b)

[5.2.3.2.] 5.2.3.2. ([1] 1) [F01-OS1.1]

[5.2.3.2.] 5.2.3.2. ([2] 2) [F01-OS1.1]

[5.2.3.2.] 5.2.3.2. ([3] 3) [F01-OS1.1] [F02-OS1.2]

[5.2.3.2.] 5.2.3.2. ([3] 3) [F01-OP1.1] [F02-OP1.2]

[5.2.3.2.] 5.2.3.2. ([4] 4) [F01-OS1.1]

[5.2.3.3.] 5.2.3.3. ([1] 1) [F01-OS1.1] [F02-OS1.2]

[5.2.3.3.] 5.2.3.3. ([1] 1) [F01-OP1.1] [F02-OP1.2]

[5.2.3.4.] 5.2.3.4. ([1] 1) [F01-OS1.1]

[5.2.3.4.] 5.2.3.4. ([2] 2) [F81,F20-OS3.1]

- ~~[5.2.3.4.]~~ 5.2.3.4. ([3] 3) [F01-OS1.1]
- ~~[5.2.3.4.]~~ 5.2.3.4. ([3] 3) no attributions
- ~~[5.2.3.5.]~~ 5.2.3.5. ([1] 1) ([b] b) [F81-OS1.1]
- ~~[5.2.3.5.]~~ 5.2.3.5. ([1] 1) ([a] a)
- ~~[5.2.3.6.]~~ 5.2.3.6. ([1] 1) [F02-OS1.2]
- ~~[5.2.3.7.]~~ ~~5.2.3.7. ([1] 1) no attributions~~

NFC20 Div.B 5.5.3.1. (first printing)

- ~~[5.5.3.1.]~~ ~~5.5.3.1. ([1] 1) no attributions~~
- ~~[5.5.3.1.]~~ 5.5.3.1. ([2] 2) no attributions
- ~~[5.5.3.1.]~~ 5.5.3.1. ([2] 2) no attributions
- ~~[5.5.3.1.]~~ 5.5.3.1. ([3] 3) no attributions
- ~~[5.5.3.1.]~~ 5.5.3.1. ([4] 4) no attributions
- ~~[5.5.3.1.]~~ 5.5.3.1. ([5] 5) no attributions
- ~~[5.5.3.1.]~~ 5.5.3.1. ([6] 6) [F34-OS1.1]
- ~~[5.5.3.1.]~~ 5.5.3.1. ([6] 6) [F34-OS3.4]
- ~~[5.5.3.1.]~~ 5.5.3.1. ([6] 6) [F34-OH5]

NFC20 Div.B 5.6.1. (first printing)

- ~~[5.6.1.1.]~~ 5.6.1.1. ([1] 1) no attributions
- ~~[5.6.1.2.]~~ 5.6.1.2. ([1] 1) [F02,F03-OP3.1]
- ~~[5.6.1.3.]~~ ~~5.6.1.3. ([1] 1) no attributions~~
- ~~[5.6.1.4.]~~ 5.6.1.4. ([1] 1) [F12-OS1.2]
- ~~[5.6.1.4.]~~ 5.6.1.4. ([1] 1) [F12-OP1.2]
- ~~[5.6.1.4.]~~ 5.6.1.4. ([2] 2) [F12-OS1.2,OS1.5]
- ~~[5.6.1.4.]~~ 5.6.1.4. ([2] 2) [F12-OP1.2]
- ~~[5.6.1.4.]~~ 5.6.1.4. ([3] 3) [F12-OS1.2,OS1.5]
- ~~[5.6.1.4.]~~ 5.6.1.4. ([3] 3) [F12-OP1.2]
- ~~[5.6.1.4.]~~ 5.6.1.4. ([4] 4) [F12-OS1.2,OS1.5]
- ~~[5.6.1.4.]~~ 5.6.1.4. ([4] 4) [F12-OP1.2]
- ~~[5.6.1.4.]~~ 5.6.1.4. ([5] 5) [F12-OS1.2,OS1.5]
- ~~[5.6.1.4.]~~ 5.6.1.4. ([5] 5) [F12-OP1.2]

- [\[5.6.1.5.\]](#) 5.6.1.5. ([\[1\]](#) 1) [F12-OS1.2]
- [\[5.6.1.5.\]](#) 5.6.1.5. ([\[1\]](#) 1) [F12-OP1.2]
- [\[5.6.1.5.\]](#) 5.6.1.5. ([\[2\]](#) 2) [F02-OS1.2]
- [\[5.6.1.5.\]](#) 5.6.1.5. ([\[2\]](#) 2) [F02-OP1.2]
- [\[5.6.1.6.\]](#) 5.6.1.6. ([\[1\]](#) 1) [F02,F12-OS1.2]
- [\[5.6.1.6.\]](#) 5.6.1.6. ([\[1\]](#) 1) [F02,F12-OP1.2]
- [\[5.6.1.6.\]](#) 5.6.1.6. ([\[2\]](#) 2) [F02,F12-OS1.2]
- [\[5.6.1.6.\]](#) 5.6.1.6. ([\[2\]](#) 2) [F02,F12-OP1.2]
- [\[5.6.1.6.\]](#) 5.6.1.6. ([\[2\]](#) 2) ([\[c\]](#) c)
- [\[5.6.1.6.\]](#) 5.6.1.6. ([\[3\]](#) 3) [F12,F82-OS1.2]
- [\[5.6.1.6.\]](#) 5.6.1.6. ([\[3\]](#) 3) [F12,F82-OP1.2]
- [\[5.6.1.7.\]](#) 5.6.1.7. ([\[1\]](#) 1) no attributions
- [\[5.6.1.7.\]](#) 5.6.1.7. ([\[2\]](#) 2) [F01-OS1.1]
- [\[5.6.1.7.\]](#) 5.6.1.7. ([\[2\]](#) 2) [F01-OP1.1]
- [\[5.6.1.7.\]](#) 5.6.1.7. ([\[3\]](#) 3) [F01-OS1.2]
- [\[5.6.1.7.\]](#) 5.6.1.7. ([\[3\]](#) 3) [F01-OP1.2]
- [\[5.6.1.8.\]](#) 5.6.1.8. ([\[1\]](#) 1) [F01-OS1.1]
- [\[5.6.1.8.\]](#) 5.6.1.8. ([\[1\]](#) 1) [F01-OP1.1]
- [\[5.6.1.8.\]](#) 5.6.1.8. ([\[2\]](#) 2) [F01-OS1.1,OS1.2]
- [\[5.6.1.8.\]](#) 5.6.1.8. ([\[2\]](#) 2) [F01-OP1.1]
- [\[5.6.1.9.\]](#) 5.6.1.9. ([\[1\]](#) 1) [F01,F43-OS1.1]
- [\[5.6.1.9.\]](#) 5.6.1.9. ([\[1\]](#) 1) [F01,F43-OP1.1]
- [\[5.6.1.9.\]](#) 5.6.1.9. ([\[1\]](#) 1) [F32-OS3.3]
- [\[5.6.1.9.\]](#) 5.6.1.9. ([\[2\]](#) 2) [F81-OS1.1,OS1.2]
- [\[5.6.1.9.\]](#) 5.6.1.9. ([\[2\]](#) 2) [F81-OP1.1,OP1.2]
- [\[5.6.1.9.\]](#) 5.6.1.9. ([\[3\]](#) 3) [F32-OS3.4]
- [\[5.6.1.9.\]](#) 5.6.1.9. ([\[3\]](#) 3) [F01-OS1.1,OS1.2]
- [\[5.6.1.10.\]](#) 5.6.1.10. ([\[1\]](#) 1) [F81,F43-OS1.1]
- [\[5.6.1.11.\]](#) 5.6.1.11. ([\[1\]](#) 1) no attributions
- [\[5.6.1.11.\]](#) 5.6.1.11. ([\[2\]](#) 2) [F01,F43-OS1.1] [F01-OS1.1]
- [\[5.6.1.11.\]](#) 5.6.1.11. ([\[3\]](#) 3) [F01,F81-OS1.1]

[\[5.6.1.11.\]](#) 5.6.1.11. ([\[4\]](#) 4) [F01,F43-OS1.1]

[\[5.6.1.12.\]](#) 5.6.1.12. ([\[1\]](#) 1) [F03-OS1.2]

[\[5.6.1.12.\]](#) 5.6.1.12. ([\[1\]](#) 1) [F03-OP1.2]

[\[5.6.1.13.\]](#) 5.6.1.13. ([\[1\]](#) 1) [F12,F82-OS1.2]

[\[5.6.1.13.\]](#) 5.6.1.13. ([\[1\]](#) 1) [F12,F82-OP1.2]

[\[5.6.1.13.\]](#) 5.6.1.13. ([\[1\]](#) 1) [F02-OP3.1]

[\[5.6.1.13.\]](#) 5.6.1.13. ([\[2\]](#) 2) [F02-OP1.2]

[\[5.6.1.13.\]](#) 5.6.1.13. ([\[2\]](#) 2) [F02-OP3.1]

[\[5.6.1.13.\]](#) 5.6.1.13. ([\[2\]](#) 2) [F02-OS1.2,OS1.5]

[\[5.6.1.13.\]](#) 5.6.1.13. ([\[2\]](#) 2) no attributions

[\[5.6.1.14.\]](#) 5.6.1.14. ([\[1\]](#) 1) [F02-OS1.2,OS1.5]

[\[5.6.1.14.\]](#) 5.6.1.14. ([\[2\]](#) 2) [F02-OS1.5,OS1.2]

[\[5.6.1.14.\]](#) 5.6.1.14. ([\[3\]](#) 3) [F13-OS1.5,OS1.2]

[\[5.6.1.15.\]](#) 5.6.1.15. ([\[1\]](#) 1) [F01-OS1.1]

[\[5.6.1.16.\]](#) 5.6.1.16. ([\[1\]](#) 1) [F10,F82-OS3.7]

[\[5.6.1.16.\]](#) 5.6.1.16. ([\[2\]](#) 2) [F10,F82-OS3.7]

[\[5.6.1.17.\]](#) 5.6.1.17. ([\[1\]](#) 1) [F11-OS1.5]

[\[5.6.1.18.\]](#) 5.6.1.18. ([\[1\]](#) 1) no attributions

[\[5.6.1.18.\]](#) 5.6.1.18. ([\[2\]](#) 2) no attributions

[\[5.6.1.18.\]](#) 5.6.1.18. ([\[3\]](#) 3) no attributions

[\[5.6.1.19.\]](#) 5.6.1.19. ([\[1\]](#) 1) [F01-OS1.1,OS1.2]

[\[5.6.1.20.\]](#) 5.6.1.20. ([\[1\]](#) 1) [F02-OS1.1,OS1.2]

[\[5.6.1.20.\]](#) 5.6.1.20. ([\[1\]](#) 1) [F02-OP1.2]