Update to 501.1-05 — Standard Test Method for Water Penetration of Windows, Curtain Walls and Doors Using Dynamic Pressure

Update No.:	1282
Date of Update:	2024-12-12
Updated By:	
Issuing Agency:	American Architectural Manufacturers Association
Status:	Updated
Publication Date:	2017-05-01
Referenced in:	National Building Code A-5.9.3. Code national du bâtiment A-5.9.3.
Standing Committee(s):	

Process

2024-12-12 — Received

Update 1282

Updated Document Number As Submitted By Issuing Agency

AAMA 501.1-~~05~~17

Updated Document Number (Current Version)

AAMA 501.1-~~05~~17

Updated Document Title As Submitted By Issuing Agency

Standard Test Method for Water Penetration of Windows, Curtain Walls and Doors Using Dynamic Pressure

Updated Document Title (Current Version)

Standard Test Method for Water Penetration of Windows, Curtain Walls and Doors Using Dynamic Pressure

Significant Changes

Various editorial changes were made
- Updated the publication years for referenced documents
- Added reference to AAMA 501 for applicability to sloped components
- Section 1.0 Scope was updated
- Section 4.0 Test Equipment updated to clarify what to do for laboratory testing versus on-site testing
- New language added to Note 3
- Section 6.7.1 added to define unacceptable water penetration
- Added Figures 2 and 3 for images of acceptable water leakage

Rationale/Justification

501.1 The primary purpose of this edition was to provide better definition of how the document could be used and provide clarification on test equipment and acceptable water penetration.

Impact Assessment

During FGIA standard development, the primary consideration when updating and/or creating documents is technical

merit. While financial impacts are taken into consideration, they are not the primary driver of any changes. For this standard, there are no anticipated incremental cost of compliance.

Update to 501.2-09 — Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls, and Sloped Glazing Systems

Update No.:	1283
Date of Update:	2024-12-12
Updated By:	
Issuing Agency:	American Architectural Manufacturers Association
Status:	Updated
Publication Date:	2015-12-01
Referenced in:	National Building Code A-5.9.3. Code national du bâtiment A-5.9.3.
Standing Committee(s):	

Process

2024-12-12 — Received

Update 1283

Updated Document Number As Submitted By Issuing Agency

AAMA 501.2-~~09~~**15**

Updated Document Number (Current Version)

AAMA 501.2-~~09~~**15**

Updated Document Title As Submitted By Issuing Agency

Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls, and Sloped Glazing Systems

Updated Document Title (Current Version)

Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls, and Sloped Glazing Systems

Significant Changes

- Updated referenced documents in Section 2.0
- Added Section 3.0 Terminology

Rationale/Justification

501.2 The primary purpose of this edition was to ensure standards at the time of publication were correct. This document is currently undergoing complete update and revision with the anticipated publication date early 2025.

Impact Assessment

During FGIA standard development, the primary consideration when updating and/or creating documents is technical merit. While financial impacts are taken into consideration, they are not the primary driver of any changes. For this standard, there are no anticipated incremental cost of compliance.

Update to 501.4-09 — Recommended Static Test Method for Evaluating Curtain Wall and Storefront Systems Subjected to Seismic and Wind-Induced Inter-Story Drifts

Update No.:	1284
Date of Update:	2024-12-12
Updated By:	
Issuing Agency:	American Architectural Manufacturers Association
Status:	Updated
Publication Date:	2018-05-01
Referenced in:	National Building Code A-5.9.3. Code national du bâtiment A-5.9.3.
Standing Committee(s):	

Process

2024-12-12 — Received

Update 1284

Updated Document Number As Submitted By Issuing Agency

AMMA 501.4-~~09~~**18**

Updated Document Number (Current Version)

AMMA 501.4-~~09~~**18**

Updated Document Title As Submitted By Issuing Agency

Recommended Static Test Method for Evaluating Curtain Wall and Storefront Systems Subjected to Seismic and Wind-Induced Inter-Story Drifts

Updated Document Title (Current Version)

Recommended Static Test Method for Evaluating Curtain Wall and Storefront Systems Subjected to Seismic and Wind-Induced Inter-Story Drifts

Significant Changes

Changes from AAMA 501.4-00/501.6-09 to AAMA 501.4-18
- Various editorial changes were made
- 501.4 and 501.6 were split to be published as separate documents
- Updated section 7.2.5 to accommodate the more rigid applications/conditions
- Added new Notes 1-8
- Added a new Section 7.5 where displacement shall be measured
- Removed the list for default test sequence and replaced with reference to AAMA 501
- Removed Sections 4.0, 11.2.1, 11.2.1.1, 11.2.2, 11.2.2.1, 11.2.3, and 11.2.3.1

Changes from AAMA 501.4-00/501.6-01 to AAMA 501.4-09/501.6-09
- The following editorial changes were made in 501.4:
• Added new Section for measurement statement
• Removed definitions and referenced AAMA Glossary (AG-08)
• Added new Section for referenced documents statement
- The following editorial changes were made in 501.6:

• Added new Section for measurement statement
• Removed definitions and referenced AAMA Glossary (AG-08)
• Added new Section for referenced documents statement

Rationale/Justification

501.4 The primary purpose of this edition was to provide clarification on testing procedure.
501.4 and 501.6 were split to be published as separate documents to reduce potential confusion.
This document is currently being balloted with potential for publication mid-late 2025.

Impact Assessment

501 The primary purpose of this edition was to provide better definition of how the document could be used while providing clarity for the best sequencing of testing.

Update to 501.5-07 — Test Method for Thermal Cycling of Exterior Walls

Update No.:	1286
Date of Update:	2024-12-12
Updated By:	
Issuing Agency:	American Architectural Manufacturers Association
Status:	Updated
Publication Date:	2023-03-01
Referenced in:	National Building Code A-5.9.3. National Building Code A-5.9.3.3.(1) Code national du bâtiment A-5.9.3. Code national du bâtiment A-5.9.3.3. 1) National Energy Code for Buildings 3.2.4.3.(3) Code national de l'énergie pour les bâtiments 3.2.4.3. 3)
Standing Committee(s):	

Process

2024-12-12 — Received

Update 1286

Updated Document Number As Submitted By Issuing Agency

AAMA 501.5-~~07~~23

Updated Document Number (Current Version)

AAMA 501.5-~~07~~23

Updated Document Title As Submitted By Issuing Agency

Test Method for ~~Thermal Cycling~~Serviceability of Exterior ~~Walls~~Fenestration After Thermal Cycling

Updated Document Title (Current Version)

Test Method for ~~Thermal Cycling~~Serviceability of Exterior ~~Walls~~Fenestration After Thermal Cycling

Significant Changes

Changes from AAMA 501.5-07 to AAMA 501.5-23
• Various editorial changes were made
• Updated for alignment with AAMA 501.9
• Removed redundant content covered in AAMA 501
• Clarified applicability to non-fenestration elements of the exterior wall (e.g., precast, masonry, etc.)
• New cycling diagram with unspecified "dwell time" between cycles
• Added ambient temperature and cycle time tolerances
• Based hot cycle on controllable exterior ambient temperature, not highly-variable surface temperature
• Added cautions against the use of heat lamps
• Addressed glass thermal stress breakage and noise in pass/fail criteria

Rationale/Justification

The primary purpose of this edition was to have a regular review of the document and to address concerns that were

raised with previous editions.

Impact Assessment

During FGIA standard development, the primary consideration when updating and/or creating documents is technical merit. While financial impacts are taken into consideration, they are not the primary driver of any changes. For this standard, there are no anticipated incremental cost of compliance.

Update to 501.6-09 — Recommended Dynamic Test Method for Determining the Seismic Drift Causing Glass Fallout from a Wall System

Update No.:	1285
Date of Update:	2024-12-12
Updated By:	
Issuing Agency:	American Architectural Manufacturers Association
Status:	Updated
Publication Date:	2018-05-01
Referenced in:	National Building Code A-4.1.8.18.(14) and (15) National Building Code A-5.9.3. Code national du bâtiment A-4.1.8.18. 14) et 15) Code national du bâtiment A-5.9.3.
Standing Committee(s):	

Process

2024-12-12 — Received

Update 1285

Updated Document Number As Submitted By Issuing Agency

AAMA 501.6-~~09~~18

Updated Document Number (Current Version)

AAMA 501.6-~~09~~18

Updated Document Title As Submitted By Issuing Agency

Recommended Dynamic Test Method for Determining the Seismic Drift Causing Glass Fallout from ~~a~~Window Wall, Curtain Wall ~~System~~and Storefront Systems

Updated Document Title (Current Version)

Recommended Dynamic Test Method for Determining the Seismic Drift Causing Glass Fallout from ~~a~~Window Wall, Curtain Wall ~~System~~and Storefront Systems

Significant Changes

Changes from AAMA 501.4-00/501.6-09 to AAMA 501.6-18
- Various editorial changes were made
- 501.4 and 501.6 were split to be published as separate documents
- Added new Notes 1-6
- Added new Figure 1
- Added Section 10.0 Product Qualification

Changes from AAMA 501.4-00/501.6-01 to AAMA 501.4-09/501.6-09
- The following editorial changes were made in 501.4:
• Added new Section for measurement statement
• Removed definitions and referenced AAMA Glossary (AG-08)
• Added new for referenced documents statement
- The following editorial changes were made in 501.6:
• Added new for measurement statement

• Removed definitions and referenced AAMA Glossary (AG-08)
• Added new for referenced documents statement

Rationale/Justification

501.6 The primary purpose of this edition was to provide clarification on testing procedure.
501.4 and 501.6 were split to be published as separate documents to reduce potential confusion.
This document is currently being balloted with potential for publication mid-late 2025.

Impact Assessment

During FGIA standard development, the primary consideration when updating and/or creating documents is technical merit. While financial impacts are taken into consideration, they are not the primary driver of any changes. For this standard, there are no anticipated incremental cost of compliance.

Update to 501-05 — Methods of Test for Exterior Walls

Update No.:	1281
Date of Update:	2024-12-12
Updated By:	
Issuing Agency:	American Architectural Manufacturers Association
Status:	Updated
Publication Date:	2024-04-01
Referenced in:	National Building Code A-5.9.3. Code national du bâtiment A-5.9.3.
Standing Committee(s):	

Process

2024-12-12 — Received

Update 1281

Updated Document Number As Submitted By Issuing Agency

AAMA 501-~~05~~24

Updated Document Number (Current Version)

AAMA 501-~~05~~24

Updated Document Title As Submitted By Issuing Agency

Methods of Test for Exterior Walls

Updated Document Title (Current Version)

Methods of Test for Exterior Walls

Significant Changes

Changes from AAMA 501-15 to AAMA 501-24
• Various editorial changes were made
• Identified the potential instances where the test could be used
• Provided additional information on use of the document for field testing with references to other documents that were developed for field testing and may be better methods to follow
• Defined the intended use of the document
• Added a discussion regarding load combinations
• Order of testing changed from text to table
• Order of testing table provides recommended best sequence for testing
• Removed Guide Specification for Field Testing
• Provided additional guidance for laboratory test specimen

Changes from AAMA 501-05 to AAMA 501-15
• Various editorial changes were made
• Remove references to AAMA/NWWDA 101/I.S.2-97 and AAMA/WDMA 101/I.S.2/NAFS-02
• Added Note for re-testing decision if failure occurs
• Clarified pass/fail criteria for the air infiltration test to cover only curtain wall, store front and sloped glazing and fenestrations systems should refer back to the NAFS document

• Added note to clarify the applicability of AAMA 501.1 for test assemblies containing sloped glazing
• Added optional interstory vertical displacement test per AAMA 501.7
• Added recommended deflection gage locations for system tested
• Added Note to reference AAMA TIR A8 for more information on testing surface temperatures and windloads
• Updated Figure for stick test specimen and Figure for unit/panel test specimen
• Added reference to AAMA 501.7
• Added reference to AAMA 501.2, AAMA 502, AAMA 503 and AAMA 511

Rationale/Justification

501 The primary purpose of this edition was to provide better definition of how the document could be used while providing clarity for the best sequencing of testing.

Impact Assessment

During FGIA standard development, the primary consideration when updating and/or creating documents is technical merit. While financial impacts are taken into consideration, they are not the primary driver of any changes. For this standard, there are no anticipated incremental cost of compliance.

Update to ASME A17.1-2016/CSA B44-16 — Safety Code for Elevators and Escalators

Update No.:	1349
Date of Update:	2026-02-25
Updated By:	
Issuing Agency:	American Society of Mechanical Engineers
Status (English):	Updated
Publication Date (English):	2026-01-30
Status (French):	Updated
Publication Date (French):	
Referenced in (English):	National Building Code 3.2.6.7.(2) National Building Code 3.5.2.1.(1) National Building Code 3.5.2.1.(2) National Building Code 3.5.2.1.(3) National Building Code 3.5.4.1.(2) National Building Code 3.5.4.2.(1) National Building Code A-3.5.2.1.(1) National Building Code Table 4.1.5.11. National Building Code Table 4.1.8.18. National Fire Code 7.2.2.1.(2)
Referenced in (French):	Code national du bâtiment 3.2.6.7. 2) Code national du bâtiment 3.5.2.1. 1) Code national du bâtiment 3.5.2.1. 2) Code national du bâtiment 3.5.2.1. 3) Code national du bâtiment 3.5.4.1. 2) Code national du bâtiment 3.5.4.2. 1) Code national du bâtiment A-3.5.2.1. 1) Code national du bâtiment Tableau 4.1.5.11. Code national du bâtiment Tableau 4.1.8.18. Code national de prévention des incendies 7.2.2.1. 2)
Standing Committee(s):	

Process

2026-03-03 — Received

Update 1349

Updated Document Number As Submitted By Issuing Agency (English)

ASME A17.1-~~2016~~2025/CSA B44-~~16~~25

Updated Document Number (Current Version) (English)

ASME A17.1-~~2016~~2025/CSA B44-~~16~~25

Updated Document Number As Submitted By Issuing Agency (French)

ASME A17.1-2016/CSA B44-16

Updated Document Number (Current Version) (French)

ASME A17.1-2016/CSA B44-16

Updated Document Title As Submitted By Issuing Agency (English)
Safety Code for Elevators and Escalators

Updated Document Title (Current Version) (English)
Safety Code for Elevators and Escalators

Updated Document Title As Submitted By Issuing Agency (French)
Code de sécurité sur les ascenseurs ou monte-charges et les escaliers mécaniques

Updated Document Title (Current Version) (French)
Code de sécurité sur les ascenseurs ou monte-charges et les escaliers mécaniques

Significant Changes

Submitting the changes in an email

Rationale/Justification

Revision

ASME A17.1-2025/CSA B44:25
SUMMARY OF CHANGES

Following approval by the ASME A17 Standards Committee and ASME, and after public review, ASME A17.1-2025/CSA B44:25 was approved by the American National Standards Institute on November 17, 2025. It was issued on December 30, 2025, and is effective as of June 30, 2026.

ASME A17.1-2025/CSA B44:25 includes the following changes, identified by a margin note, **(25)**.

Page	*Location*	*Change*
1	1.1.3	Revised
2	Section 1.3	Definitions of *elastomeric-coated steel wire rope (hoisting and compensating)* and *runway, inclined elevator* added
21	2.1.3.5	Added
23	2.2.3	Revised in its entirety
23	2.2.4.2.1	Revised
23	2.2.4.2.5	Revised
25	2.3.2.2	Subparagraph (f) added
26	2.4.1.5	Revised
29	2.5.1.5.3	First sentence revised
33	2.7.5.2.1	Subparagraph (b)(3) revised
34	2.7.5.4	First sentence revised
36	2.7.6.5.1	Subparagraph (a) revised
36	2.7.6.5.2	Subparagraph (g) revised
41	2.9.3.2.1	Revised
42	2.9.3.5	Revised
42	2.9.4.1	Subparagraph (a) revised
44	2.11.3.2	Revised
57	2.13.2.1	Revised
57	2.13.2.1.3	Added
57	2.13.2.2.2	Revised
62	2.13.5	Revised
63	2.13.5.5	2.13.5.6 deleted
72	2.14.7.1.2	Revised in its entirety
74	2.15.6.2.2	Subparagraph (b) revised
75	2.15.9	Revised in its entirety
77	Table 2.15.10.1	Note (1) revised
78	2.15.13	Revised in its entirety
81	2.16.4.9	Added
87	Table 2.18.2.1	Note (1) revised
88	2.18.4.2	Revised in its entirety
89	2.18.7.2	Revised in its entirety
90	2.19.2.2	Revised in its entirety

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Page	*Location*	*Change*
92	2.20.1	Revised in its entirety
92	2.20.2.2.2	Subparagraph (a) revised
93	2.20.3	Second paragraph revised
94	2.20.4.2	Deleted and designator reserved for future use
94	2.20.4.4	Added
94	2.20.8.2	(1) First paragraph and subpara. (b)(3) revised (2) Subparagraph (b)(4) added and subsequent subparagraph redesignated
95	2.20.8.3	First paragraph revised
96	2.20.9.4	Revised
96	2.20.9.5	(1) Revised (2) Paragraph 2.20.9.5.5 deleted and subsequent paragraphs redesignated
98	2.20.9.7.2	Subparagraph (a) revised
99	2.20.9.7.5	Revised in its entirety
99	2.20.9.7.6	Title revised
99	2.20.9.7.8	Subparagraphs (b)(3) and (b)(4) revised
102	2.21.4	Last two paragraphs added
105	2.22.4.6	Revised
105	2.22.4.11	(1) First paragraph and subpara. (h) revised (2) Subparagraphs (i) and (j) added
106	2.22.5.6	(1) Subparagraph (c) deleted and subsequent subparagraph redesignated (2) Subparagraphs (e) and (f) added
106	2.22.5.7	Added
106	2.23.2.1	Subparagraphs (a) and (b) revised
114	Table 2.23.4.3.3	First column revised
115	2.23.9.2.1	Subparagraph (a) revised
115	2.23.9.2.2	Revised
115	2.23.9.4	Added
115	2.23.10.2	(1) Revised (2) Table 2.23.10.2 deleted
116	2.24.2.1.1	Revised
116	2.24.2.2	(1) Subparagraph (c) deleted and subsequent subparagraph redesignated (2) Subparagraph (d) added
116	2.24.2.3.2	Deleted and designator reserved for future use
116	2.24.2.3.5	Revised
116	2.24.2.3.6	Added
116	2.24.2.4	Revised
117	2.24.4.1	Revised
119	2.25.2.1.1	Revised
120	2.25.2.1.2	Subparagraph (d) revised
124	2.26.1.4.2	(1) Subparagraphs (a) and (h) revised (2) Subparagraph (i) added

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Page	*Location*	*Change*
128	2.26.2.8	Revised
129	2.26.4.2.2	Subparagraph (b) revised
130	2.26.4.3.1	Revised
131	Table 2.26.4.3.2	Requirement 2.18.7.2 added
130	2.26.4.4	Revised
130	2.26.4.4.1	Revised
135	2.26.11	First paragraph revised
135	2.26.12.3	Revised
140	2.27.1.1.3	Subparagraph (a) revised
147	2.27.3.3.1	Subparagraph (m) revised
148	2.27.3.3.5	Revised
149	2.27.3.3.9	Revised
155	2.27.11.2.2	Subparagraph (c) revised
156	2.27.11.5.1	(1) Subparagraphs (a) through (d) and (g) revised (2) Note (3) added
157	2.27.11.6.2	Last paragraph revised
157	2.27.11.6.3	Subparagraphs (d) and (e) revised
158	2.27.11.6.10	Subparagraph (a) revised
160	2.29.1.3	Subparagraph (g) revised
174	3.24.3	Title and 3.24.3.1 revised
174	3.25.1.1	First paragraph revised
202	5.2.1.4	Revised
203	5.2.1.4.4	Subparagraph (b)(1) revised
203	5.2.1.4.5	Added and subsequent paragraph redesignated
203	5.2.1.7	Revised
203	5.2.1.7.1	Revised
204	5.2.1.15.2	Revised
207	5.3.1.1.1	Subparagraph (b) added and subsequent subparagraphs redesignated
207	5.3.1.1.2	First paragraph revised
210	5.3.1.8.4	Subparagraph (b) revised
210	5.3.1.9.2	Subparagraphs (b) and (c) revised
212	5.3.1.10.2	Subparagraph (b) revised
213	5.3.1.12.5	Revised
218	5.4.2	Paragraphs 5.4.2.1 through 5.4.2.3 revised
219	5.4.4.2.1	Revised
235	5.7.20.1	(1) Subparagraph (b) revised (2) Subparagraph (d) added
237	5.9.1	First paragraph revised
240	5.9.27	Second paragraph revised
247	6.1.1	Note added
250	6.1.3.3.13	Revised in its entirety
256	6.1.6.3.8	Revised in its entirety
260	6.1.7.3.4	Revised in its entirety

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Page	*Location*	*Change*
260	6.1.7.4.2	Revised in its entirety
261	6.1.7.4.3	Revised
261	6.1.8.1.2	Revised
261	6.1.8.1.3	Added
261	6.1.8.1.4	Added
261	6.2.1	Note added
264	6.2.3.9	Subparagraph (d) revised
272	6.2.7.3.4	Revised in its entirety
272	6.2.7.4.2	Revised in its entirety
272	6.2.7.4.3	Revised
273	6.2.8.1.2	Revised
273	6.2.8.1.3	Added
273	6.2.8.1.4	Added
279	7.2.1.2	Revised
279	7.2.1.2.2	Revised
282	7.2.6.8.1	Subparagraph (c) added
292	7.5.2.4	Revised
292	7.5.2.5	Revised
295	7.5.12.2.5.2	Revised
295	7.5.12.2.5.3	Revised
305	8.2.2.5.1	First equation in subpara. (b) revised
322	8.2.13	Added
323	8.3.2	Revised in its entirety
329	8.3.13	Revised in its entirety
330	Section 8.4	Revised in its entirety
331	8.4.2.1	Revised in its entirety
331	8.4.2.3.1	Revised in its entirety
331	8.4.2.3.4	Revised
332	8.4.5.2.2	Revised in its entirety
332	8.4.6	Revised in its entirety
333	8.4.7.1.1	Revised in its entirety
334	8.4.8.2.1	Subparagraph (a) and subpara. designator (b) deleted
335	Figure 8.4.8.2.1-1	Labels for *x*-axis revised
336	Figure 8.4.8.2.1-2	Labels for *x*-axis revised
337	Figure 8.4.8.2.1-3	Labels for *x*-axis revised
338	Figure 8.4.8.2.1-4	Labels for *x*-axis revised
339	Figure 8.4.8.2.1-5	Labels for *x*-axis revised
340	Figure 8.4.8.2.1-6	Labels for *x*-axis revised
341	Figure 8.4.8.2.1-7	Labels for *x*-axis revised
342	Figure 8.4.8.2.2	Example revised
334	8.4.8.2.3	Examples revised
334	8.4.8.2.6	Revised in its entirety
334	8.4.8.3	Revised in its entirety
343	8.4.8.4	Revised in its entirety

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Page	*Location*	*Change*
343	8.4.8.7	First paragraph revised
344	Table 8.4.8.7	(1) Last two columns, General Note, and Notes (2) and (4) revised (2) Note (5) deleted and subsequent Notes redesignated
343	8.4.8.9.1	Revised in its entirety
343	8.4.8.9.2	Revised in its entirety
346	8.4.9.1	Revised in its entirety
346	8.4.10.1	Subparagraph (a) revised
346	8.4.10.1.1	Subparagraphs (b), (e)(1), and (j) revised
347	Figure 8.4.10.1.1	Revised
348	8.4.10.1.2	Subparagraph (f) revised
351	8.4.11.2.1	Revised in its entirety
351	8.4.11.5.2	Revised in its entirety
352	8.4.11.9	Revised in its entirety
352	8.4.11.12	Subparagraphs (b)(2)(-a) and (b)(2)(-b) revised
352	8.4.11.15	8.4.11.15.1 and 8.4.11.15.2 revised
353	8.4.12.1.1	Revised in its entirety
353	8.4.12.1.2	Revised in its entirety
354	8.4.12.2	Revised in its entirety
355	8.4.13	Deleted
355	8.4.14.1	Revised in its entirety
357	8.4.14.1.1	Subparagraph (b) revised
358	Section 8.5	(1) Subparagraphs (a)(3) and (a)(4) revised (2) Subparagraph (a)(5) added
360	8.6.1.1.3	Revised
361	8.6.1.2.2	(1) Subparagraph (a) revised (2) Subparagraphs (c)(8), (d)(9), and (d)(10) added
365	8.6.3.2.2	Former 8.6.3.2.2 deleted and subsequent subparagraph redesignated
365	8.6.3.2.3	Added
370	8.6.4.13.1	Subparagraph (m) added
371	8.6.4.19.2	Subparagraph (a) revised
373	8.6.4.19.22	Added
373	8.6.4.19.23	Added
375	8.6.4.20.10	Subparagraph (a)(2) revised
376	8.6.4.25	Added
377	8.6.5.14.3	(1) Subparagraph (f) revised and subpara. (g) corrected by errata (2) Subparagraph (h) added and subsequent subparagraphs redesignated
378	8.6.5.14.13	Added
378	8.6.5.14.14	Added
378	8.6.5.14.15	Added
379	8.6.5.20	Added
383	8.6.8.15.5	Revised in its entirety
384	8.6.8.15.18	Revised
385	8.6.8.15.23	Title revised

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Page	*Location*	*Change*
386	8.6.10.1.1	Revised
386	8.6.10.1.2	Added
389	8.6.11.12	Last sentence added
389	8.6.11.17	Added
392	8.7.2.7.6	Revised
392	8.7.2.8	Title revised
397	8.7.2.19	First paragraph and subpara. (a) revised
399	8.7.2.27.4	(1) Subparagraphs (a)(6), (b)(4), and (c)(10) revised
		(2) Subparagraphs (a)(7), (b)(5), (c)(11), and (g) added
400	8.7.2.27.5	(1) Subparagraph (p) revised
		(2) Subparagraph (q) added
401	8.7.2.27.6	(1) Subparagraph (r) revised
		(2) Subparagraph (s) added
		(3) Last paragraph revised
402	8.7.2.27.11	Added
402	8.7.2.29	Added
403	8.7.3.8	Title revised
404	8.7.3.16	Revised in its entirety
406	8.7.3.31.5	(1) Subparagraphs (a), (b)(4), (c)(8), and (f) revised
		(2) Subparagraphs (a)(5), (a)(6), (b)(5), (c)(9), and (g) added
407	8.7.3.31.6	(1) Subparagraph (o) added
		(2) Last paragraph revised
408	8.7.3.31.7	(1) Subparagraph (p) added
		(2) Last paragraph revised
410	8.7.3.31.15	Added
410	8.7.3.31.16	Added
410	8.7.3.31.17	Added
416	8.7.6.1.8	Revised
417	8.7.6.1.14	Revised
417	8.7.6.1.15	Revised
417	8.7.6.1.17	Revised
417	8.7.6.2.8	Second paragraph revised
418	8.7.6.2.14	Second paragraph revised
418	8.7.6.2.16	Second paragraph revised
418	8.7.6.2.18	Second paragraph added
422	8.10.2.2.2	(1) Subparagraph (cc)(3)(-b), (qq), and (rr) revised
		(2) Subparagraph (ww) added
424	8.10.2.2.3	Subparagraphs (jj) and (kk) revised
425	8.10.2.2.4	Subparagraph (a)(2) revised
426	8.10.2.2.5	(1) Subparagraph (q) revised
		(2) Subparagraph (s) added
427	8.10.2.3.2	(1) Subparagraphs (s) and (t) revised
		(2) Subparagraph (vv) added

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Page	*Location*	*Change*
431	8.10.3.2.2	(1) Subparagraph (y) revised (2) Subparagraph (mm) added
432	8.10.3.2.3	Subparagraph (kk) revised
433	8.10.3.2.5	Subparagraph (w) added
434	8.10.3.3.2	(1) Subparagraphs (p), (r), and (s) revised (2) Subparagraph (tt) added
438	8.10.4.1.2	Subparagraphs (a)(5), (e), (w), and (x) revised
439	8.10.4.2.2	Subparagraph (i) revised
444	8.11.2.1.2	Subparagraphs (mm) and (nn) revised
444	8.11.2.1.3	(1) Subparagraphs (jj) through (pp) revised (2) Subparagraph (rr) added
445	8.11.2.1.4	Subparagraph (b) revised
445	8.11.2.1.5	Subparagraph (q) added
446	8.11.2.1.6	Revised
447	8.11.3.1.3	Subparagraph (ii) added
447	8.11.3.1.4	Subparagraph (b) revised
447	8.11.3.1.5	(1) Subparagraph (q) revised (2) Subparagraph (s) added
448	8.11.3.1.6	Title revised
448	8.11.5.4	Title and first paragraph revised
453	Section 9.1	(1) AISC Book No. S326 row deleted (2) ANSI/ACI 318, ANSI/AISC 360, ASCE/SEI 7, CAN/CSA-S16, CEI IEC 61508, and IBC rows revised (3) CSA B44.9/ASME A17.9, CSA 22.2 No. 100, CSA 22.2 No. 62368-1, ISO 8102-2, UL 1004, and UL 62368-1 rows added
458	Section 9.2	Updated
463	Nonmandatory Appendix D	Second paragraph revised
465	Table E-5-1	General Note (a) revised
491	Figure I-13	Title corrected by errata
492	Figure I-14	Title corrected by errata
494	Figure I-16	Added
536	Table U-1	(1) Type AFR deleted (2) General Note (a) deleted and subsequent Notes redesignated
552	Nonmandatory Appendix BB	Added
554	Index	Updated

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Update to ASME A112.18.1-2018/CSA B125.1-18 — Plumbing Supply Fittings

Update No.:	1290
Date of Update:	2025-01-02
Updated By:	
Issuing Agency:	American Society of Mechanical Engineers
Status:	Updated
Publication Date:	2024-10-21
Referenced in:	National Plumbing Code 2.2.10.6.(1) National Plumbing Code 2.2.10.7.(1) Code national de la plomberie 2.2.10.6. 1) Code national de la plomberie 2.2.10.7. 1) National Energy Code for Buildings 6.2.6.1.(1) National Energy Code for Buildings 6.2.6.2.(1) Code national de l'énergie pour les bâtiments 6.2.6.1. 1) Code national de l'énergie pour les bâtiments 6.2.6.2. 1)
Standing Committee(s):	

Process

2025-01-06 — Received

Update 1290

Updated Document Number As Submitted By Issuing Agency

ASME A112.18.1-~~2018~~2024/CSA B125.1-~~18~~24

Updated Document Number (Current Version)

ASME A112.18.1-~~2018~~2024/CSA B125.1-~~18~~24

Updated Document Title As Submitted By Issuing Agency

Plumbing Supply Fittings

Updated Document Title (Current Version)

Plumbing Supply Fittings

Significant Changes

• 2 Reference publications – Updated list of references
• Clause 4.9.2 - Title updated to “Lead content for solders, fluxes, and metal alloys”
• Clause 4.11.2.2 - reference to Clause 6.4 was updated to Clauses 6.1.2, 6.3.2, and 6.3.4
• Clause 4.12.2 - Language update “Faucets or fittings” replaced by “Fittings”
• Clause 4.13.1.1 title update to “Low-voltage circuits”
• Clause 4.13.1.2 title updated to “Other than low-voltage circuits”
• Clause 5.2.2.2.2 title updated to “Pass criteria for SC-1”
• Clause 5.3.3.2 - Language update “Faucets or fittings” replaced by “Fittings”
• Clause 5.3.8.2 title updated to “Test procedures”
• Clause 5.4.2.3.1 title updated to “Settings”
• Clause 5.4.2.3.2-part a) updated to include shower heads and body sprays
• Clause 5.6.2.2.2 title updated to “Pressure and Temperature”

• Clause 5.6.2.2.4 title updated to “Cold or Hot water only applications”
• Clause 5.6.3.5.1 title updated to “Tension lifecycle test”
• Clause 5.6.3.5.2 title updated to “Axial load test”
• Clause 5.6.3.5.3 title updated to “Mandrel and pressure integrity test”
• Clause 5.7.2.2.3 - requirement updated for devices used for cold water applications
• Clause 5.8.1.1 title updated to “Water supply close or open controls”
• Clause 5.10 title updated to “Drainage test for lawn faucets”
• Clause 5.12.3.3 and Clause 5.12.4.3 term “fixture” replaced by “apparatus”
• Reference updated in Clause 5.13.2
• Clause 5.13.2.3 title updated to “Test apparatus” and requirement updated to include ASTM F2324
• Clause 5.13.2.4 removed
• Clause 6.1.2 updated to include shower heads and hand-held showers
• Table 1 minimum and maximum flow rates requirements updated

Rationale/Justification

Revision

Update to ASME A112.19.2-2018/CSA B45.1-18 — Ceramic Plumbing Fixtures

Update No.:	1289
Date of Update:	2025-01-02
Updated By:	
Issuing Agency:	American Society of Mechanical Engineers
Status:	Updated
Publication Date:	2024-10-25
Referenced in:	National Plumbing Code 2.2.2.2.(1) Code national de la plomberie 2.2.2.2. 1)
Standing Committee(s):	

Process

2025-01-06 — Received

Update 1289

Updated Document Number As Submitted By Issuing Agency

ASME A112.19.2-~~2018~~2024/CSA B45.1-~~18~~24

Updated Document Number (Current Version)

ASME A112.19.2-~~2018~~2024/CSA B45.1-~~18~~24

Updated Document Title As Submitted By Issuing Agency

Ceramic Plumbing Fixtures

Updated Document Title (Current Version)

Ceramic Plumbing Fixtures

Significant Changes

• Clause 3.1 Definitions:
o updated definition for “High-efficiency water closet (High-efficiency toilet) “
o updated definition for “Low-consumption water closet”
• Clause 4.3.2.1.2 title updated to “Dishwashing and food preparation sinks”
• Clause 4.6.10 language updated to remove unnecessary repetitions of the term "rim height”
• Clause 4.8.1.2 title updated to “Supply fittings”
• Requirements for clause 5.6 “Dual-flush water closets” subclause 5.6.1 “General” updated
• Term “low consumption” removed from Clause “7.14.1 Full flush mode”
• Language updated for Clauses 7.14.2.2.1 “Test method”, Clause 7.14.2.3.1 “Test method”, and Clause 7.14.2.4 “Test method”
• Clause 9.6.1.2 title updated to “Wall-mounted fixtures”

Rationale/Justification

Revision

Update to B16.5-2017 — Pipe Flanges and Flanged Fittings: NPS ½ through NPS 24 Metric/Inch Standard

Update No.:	1323
Date of Update:	2025-08-08
Updated By:	
Issuing Agency:	American Society of Mechanical Engineers
Status:	Updated
Publication Date:	2025-05-30
Referenced in:	National Fire Code 4.5.5.3.(1) Code national de prévention des incendies 4.5.5.3. 1) National Plumbing Code 2.2.6.12.(1) Code national de la plomberie 2.2.6.12. 1)
Standing Committee(s):	

Process

2025-08-12 — Received

Update 1323

Updated Document Number As Submitted By Issuing Agency

B16.5-~~2017~~2025

Updated Document Number (Current Version)

B16.5-~~2017~~2025

Updated Document Title As Submitted By Issuing Agency

Pipe Flanges and Flanged Fittings: NPS ½ through NPS 24 Metric/Inch Standard

Updated Document Title (Current Version)

Pipe Flanges and Flanged Fittings: NPS ½ through NPS 24 Metric/Inch Standard

Significant Changes

Submitting the changes in an email

Rationale/Justification

Revision

ASME B16.5-2025
SUMMARY OF CHANGES

Following approval by the ASME B16 Standards Committee and ASME, and after public review, ASME B16.5-2025 was approved by the American National Standards Institute on April 10, 2025.

In ASME B16.5-2025, titles of complementary tables have been editorially revised to indicate the applicable system of units. ASME B16.5-2025 also includes the following changes identified by a margin note, **(25)**. The Record Numbers listed below are explained in more detail in the "List of Changes in Record Number Order" following this Summary of Changes.

Page	*Location*	*Change (Record Number)*
2	1.11	Added *(22-2279)*
2	2.2	In second sentence, “must” revised to “shall” *(22-2279)*
2	2.4	Revised *(21-1888)*
3	2.5.3	Revised *(21-1888)*
3	2.6	Revised *(21-1849)*
5	Table 1.1-1	(1) Revised *(16-1229, 21-1888, 23-2509)* (2) For Material Group 3.1, Nominal Composition 35Ni–35Fe–20Cr–Cb, Forgings and Plates specifications corrected by errata *(21-1145)* (3) For Material Group 3.6, Nominal Composition 33Ni–42Fe–21Cr, second specification under Forgings and Plates added by errata *(21-1145)* (4) For Material Group 3.12, Nominal Composition 46Fe–24Ni–21Cr–6Mo–Cu–N, first specification under Plates corrected by errata *(21-1145)*
8	5.1.2	Revised *(21-1888)*
8	5.3.4	Last sentence deleted *(21-1888)*
8	5.3.5	In subpara. (a), second sentence revised *(22-2279)*
9	Table 1.1-2	(1) Under Intermediate Strength, Spec. No. A320, Grade L7M added; under Nickel and Special Alloy, Spec Nos. B511, B572, and B637 added *(22-651)* (2) Notes revised and reordered *(21-1888, 21-2211, 22-651)*
10	6.1.1	Second sentence revised *(22-2279)*
14	7.3	Editorially revised
15	8.1	Revised *(21-1849)*
15	Figure 1	General Note (b) revised *(22-567)*
15	Figure 2	General Note (b) revised *(22-567)*
20	Figure 7	Hub height, *H*, and Note (1) added, and subsequent Note redesignated *(22-2183)*
21	Figure 8	Hub height, *H*, and Note (1) added, and subsequent Note redesignated *(22-2183)*
23	Figure 12	U.S. Customary values added by errata *(21-1122)*
25	Table 2-1.1	Revised *(21-1888, 22-564, 23-2509)*
26	Table 2-1.1C	(1) Under Temp., °F, first entry revised *(21-1888)* (2) Notes revised and reordered *(23-2509)*

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Page	*Location*	*Change (Record Number)*
27	Table 2-1.2	Revised *(21-1888, 22-564, 23-2509)*
28	Table 2-1.2C	Revised *(21-1888, 23-2509)*
29	Table 2-1.3	Revised *(21-1888, 22-564, 23-2509)*
30	Table 2-1.3C	(1) Under Temp., °F, first entry revised *(21-1888)* (2) Notes revised and reordered *(21-1888, 23-2509)*
31	Table 2-1.4	Revised *(21-1888, 22-564, 23-2509)*
32	Table 2-14C	(1) Under Temp., °F, first entry revised *(21-1888)* (2) Note (2) revised *(21-1888, 23-2509)*
33	Table 2-1.5	Revised *(21-1888, 22-564, 23-2509)*
34	Table 2-1.5C	(1) Revised *(21-1888, 23-2509)* (2) Temperature in Note (1) corrected to Fahrenheit by errata *(21-1145)*
35	Table 2-1.7	Revised *(21-1888, 23-2509)*
36	Table 2-1.7C	Revised *(21-1888, 23-2509)*
37	Table 2-1.9	Revised *(21-1888, 22-564, 23-2509)*
38	Table 2-1.9C	Revised *(21-1888, 23-2509)*
39	Table 2-1.10	Revised *(21-1888, 22-564, 23-2509)*
40	Table 2-1.10C	Revised *(21-1888, 23-2509)*
41	Table 2-1.11	Revised *(21-1888, 22-564, 23-2509)*
42	Table 2-1.11C	Revised *(21-1888, 23-2509)*
43	Table 2-1.13	Revised *(21-1888, 23-2509)*
44	Table 2-1.13C	Revised *(21-1888, 23-2509)*
45	Table 2-1.14	Revised *(21-1888, 23-2509)*
46	Table 2-1.14C	Revised *(21-1888, 23-2509)*
47	Table 2-1.15	Revised *(21-1888, 23-2509)*
48	Table 2-1.15C	Revised *(21-1888, 23-2509)*
49	Table 2-1.17	Revised *(21-1888, 22-564, 23-2509)*
50	Table 2-1.17C	Revised *(21-1888, 23-2509)*
51	Table 2-1.18	Revised *(21-1888, 22-564, 23-2509)*
52	Table 2-1.18C	Revised *(21-1888, 23-2509)*
53	Table 2-2.1	Revised *(21-1888, 22-564, 23-2509)*
54	Table 2-2.1C	Revised *(21-1888, 23-2509)*
55	Table 2-2.2	Revised *(21-1888, 22-564, 23-2509)*
56	Table 2-2.2C	Revised *(21-1888, 23-2509)*
57	Table 2-2.3	Revised *(21-1888, 22-564, 23-2509)*
58	Table 2-2.3C	(1) Under Forgings and Plates, references to Note (1) added *(23-2509)* (2) Under Temp., °F, first entry revised *(21-1888)* (3) Note (1) revised and Note (2) added *(21-1888, 23-2509)*
59	Table 2-2.4	Revised *(21-1888, 22-564, 23-2509)*
60	Table 2-2.4C	Revised *(21-1888, 23-2509)*
61	Table 2-2.5	Revised *(21-1888, 22-564, 23-2509)*
62	Table 2-2.5C	Revised *(21-1888, 23-2509)*
63	Table 2-2.6	Revised *(21-1888, 23-2509)*
64	Table 2-2.6C	Revised *(21-1888, 23-2509)*
65	Table 2-2.7	Revised *(21-1888, 22-564, 23-2509)*

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Page	*Location*	*Change (Record Number)*
66	Table 2-2.7C	Revised *(21-1888, 23-2509)*
67	Table 2-2.8	Revised *(21-1888, 22-564, 23-2509)*
67	Table 2-2.8C	Revised *(21-1888, 23-2509)*
68	Table 2-2.9	Revised *(21-1888, 22-564, 23-2509)*
69	Table 2-2.9C	Revised *(21-1888, 23-2509)*
70	Table 2-2.10	Revised *(21-1888, 23-2509)*
71	Table 2-2.10C	(1) Under Temp., °F, first entry revised *(21-1888)* (2) For 1,000°F, Working Pressure for Classes 400 through 2500 revised *(23-2509)* (3) Note (2) added *(21-1888)*
72	Table 2-2.11	Revised *(21-1888, 23-2509)*
73	Table 2-2.11C	Revised *(21-1888, 23-2509)*
74	Table 2-2.12	Revised *(21-1888, 23-2509)*
75	Table 2-2.12C	(1) Under Temp., °F, first entry revised *(21-1888)* (2) For 1,000°F, Working Pressure for Classes 400 through 2500 revised *(23-2509)* (3) Note (2) added *(21-1888)*
76	Table 2-2.13	Added *(21-1888, 23-2509)*
77	Table 2-2.13C	Added *(21-1888, 23-2509)*
78	Table 2-3.1	Revised *(21-1888, 23-2509)*
78	Table 2-3.1C	Revised *(21-1888, 23-2509)*
79	Table 2-3.2	Revised *(21-1888, 23-2509)*
79	Table 2-3.2C	Revised *(21-1888)*
80	Table 2-3.3	Revised *(21-1888, 23-2509)*
81	Table 2-3.3C	Revised *(21-1888, 23-2509)*
82	Table 2-3.4	Revised *(21-1888, 23-2509)*
83	Table 2-3.4C	(1) Castings materials and Note (2) added *(21-1888, 23-2509)* (2) Under Temp., °F, first entry revised *(21-1888)*
84	Table 2-3.5	Revised *(21-1888, 23-2509)*
85	Table 2-3.5C	Revised *(21-1888, 23-2509)*
86	Table 2-3.6	(1) Revised *(21-1888, 23-2509)* (2) For Nominal Designation 33Ni–42Fe–21Cr, entries for Forgings and Plates corrected by errata *(21-1145)*
87	Table 2-3.6C	(1) Revised *(21-1888, 23-2509)* (2) For Nominal Designation 33Ni–42Fe–21Cr, entries for Forgings and Plates corrected by errata *(21-1145)*
88	Table 2-3.7	Revised *(16-1229, 21-1888, 23-2509)*
88	Table 2-3.7C	Revised *(21-1888, 23-2509)*
89	Table 2-3.8	Revised *(16-1229, 21-1888, 22-564, 23-2509)*
90	Table 2-3.8C	Revised *(21-1888, 23-2509)*
91	Table 2-3.9	Revised *(21-1888, 23-2509)*
92	Table 2-3.9C	(1) Revised *(21-1888, 23-2509)* (2) Under Forgings, references to Note (2) added by errata *(21-1145)*
93	Table 2-3.10	Revised *(21-1888, 23-2509)*
93	Table 2-3.10C	Revised *(21-1888)*
94	Table 2-3.11	Revised *(21-1888, 23-2509)*

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Page	*Location*	*Change (Record Number)*
94	Table 2-3.11C	(1) Under Temp., °F, first entry revised *(21-1888)* (2) Note (2) revised *(21-1888, 23-2509)*
95	Table 2-3.12	(1) Revised *(16-1229, 21-1888, 23-2509)* (2) For Nominal Designation 46Fe–24Ni–21Cr–6Mo–Cu–N, entry for Castings corrected by errata *(21-1145)*
96	Table 2-3.12C	(1) Revised *(21-1888, 23-2509)* (2) For Nominal Designation 46Fe–24Ni–21Cr–6Mo–Cu–N, entry for Castings corrected by errata *(21-1145)*
97	Table 2-3.13	Revised *(16-1229, 21-1888, 23-2509)*
97	Table 2-3.13C	Revised *(21-1888, 23-2509)*
98	Table 2-3.14	Revised *(16-1229, 21-1888, 22-564, 23-2509)*
99	Table 2-3.14C	Revised *(21-1888, 23-2509)*
100	Table 2-3.15	Revised *(21-1888, 23-2509)*
101	Table 2-3.15C	Revised *(21-1888, 23-2509)*
102	Table 2-3.16	Revised *(21-1888, 23-2509)*
103	Table 2-3.16C	Revised *(21-1888, 23-2509)*
104	Table 2-3.17	Revised *(21-1888, 23-2509)*
104	Table 2-3.17C	Revised *(21-1888)*
105	Table 2-3.19	Revised *(21-1888, 23-2509)*
106	Table 2-3.19C	Revised *(21-1888, 23-2509)*
114	Table 5	For Class 2500 NPS 2½, groove depth *E* corrected by errata from 9.522 to 9.53 *(21-1372)*
122	Table 5C	Under NPS 24, dimensionless row deleted and table alignment corrected by errata *(22-1148)*
131	Table 7	For NPS 20, outside diameter of flange, *O*, corrected by errata from 693 to 698 *(21-1134)*
133	Table 8	(1) Figure revised *(21-579, 22-2183, 23-628)* (2) For NPS 14, outside diameter of flange, *O*, corrected by errata from 553 to 533 *(21-1133)* (3) Note (2) added and subsequent Notes redesignated *(22-2183)*
136	Table 8C	(1) Figure revised *(21-579, 22-2183, 23-628)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*
153	Table 11	(1) Figure revised *(21-579, 22-2183, 23-628)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*
156	Table 11C	(1) Figure revised *(21-579, 22-2183, 23-628)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*
169	Table 14	(1) Figure revised *(21-579, 22-2183)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*
171	Table 14C	(1) Figure revised *(21-579, 22-2183)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*
175	Table 16	(1) Figure revised *(21-579, 22-2183)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*
178	Table 16C	(1) Figure revised *(21-579, 22-2183)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*
183	Table 18	(1) Figure revised *(21-579, 22-2183)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*
186	Table 18C	(1) Figure revised *(21-579, 22-2183)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*

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Page	*Location*	*Change (Record Number)*
191	Table 20	(1) Figure revised *(21-579, 22-2183)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*
193	Table 20C	(1) Figure revised *(21-579, 22-2183)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*
197	Table 22	(1) Figure revised *(21-579, 22-2183)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*
199	Table 22C	(1) Figure revised *(21-579, 22-2183)* (2) Note (2) added and subsequent Notes redesignated *(22-2183)*
203	Mandatory Appendix II	Updated *(23-2265)*
209	Table A-1	Revised *(21-1888, 22-2110)*
210	Table A-2	Revised *(21-1888, 22-2110)*
247	Nonmandatory Appendix G	Added *(21-1888)*

FOR ASME COMMITTEE USE ONLY

Update to B16.9-2018 — Factory-Made Wrought Buttwelding Fittings

Update No.:	1287
Date of Update:	2024-12-20
Updated By:	
Issuing Agency:	American Society of Mechanical Engineers
Status:	Updated
Publication Date:	2024-10-16
Referenced in:	National Plumbing Code 2.2.6.11.(1) National Plumbing Code 2.2.6.14.(1) Code national de la plomberie 2.2.6.11. 1) Code national de la plomberie 2.2.6.14. 1)
Standing Committee(s):	

Process

2025-01-06 — Received

Update 1287

Updated Document Number As Submitted By Issuing Agency

B16.9-~~2018~~2024

Updated Document Number (Current Version)

B16.9-~~2018~~2024

Updated Document Title As Submitted By Issuing Agency

Factory-Made Wrought Buttwelding Fittings

Updated Document Title (Current Version)

Factory-Made Wrought Buttwelding Fittings

Significant Changes

Page Location Change (Record Number)
2 4.1 Subparagraph (c) and footnote 1 revised (22-678)
3 4.4.2 Subparagraph (a) revised and subpara. (b) deleted; subsequent paragraph redesignated (22-678)
3 6.2 Title revised (22-678)
3 6.2.4 In last paragraph, first sentence revised (22-678)
5 9.3.7 Last two paragraphs added (18-811)
5 9.5 Revised (22-623)
5 9.6 Subparagraph (a) revised; last two paragraphs added (18-811, 18-812, and 22-623)
6 11 Revised in its entirety (18-811)
21 Table 6.1-10 Revised in its entirety (18-813)
28 Table 11.2-1 (1) Former Table 11-1 editorially redesignated as Table 11.2-1(2) Notes (2) and (5) revised (17-503, 18-811)
32 Nonmandatory Appendix B Added (18-812)

Rationale/Justification

Revision

Update to B16.12-2009 — Cast Iron Threaded Drainage Fittings

Update No.:	1324
Date of Update:	2025-08-11
Updated By:	
Issuing Agency:	American Society of Mechanical Engineers
Status:	Updated
Publication Date:	2025-04-30
Referenced in:	National Plumbing Code 2.2.6.3.(1) Code national de la plomberie 2.2.6.3. 1)
Standing Committee(s):	

Process

2025-08-12 — Received

Update 1324

Updated Document Number As Submitted By Issuing Agency

B16.12-~~2009~~2025

Updated Document Number (Current Version)

B16.12-~~2009~~2025

Updated Document Title As Submitted By Issuing Agency

Cast Iron Threaded Drainage Fittings

Updated Document Title (Current Version)

Cast Iron Threaded Drainage Fittings

Significant Changes

Page Location Change (Record Number)
1 1.5 Added (24-699)
14 Mandatory Appendix I Updated (24-519)

Rationale/Justification

Revision

Update to B16.15-2018 — Cast Copper Alloy Threaded Fittings: Classes 125 and 250

Update No.:	1288
Date of Update:	2024-12-20
Updated By:	
Issuing Agency:	American Society of Mechanical Engineers
Status:	Updated
Publication Date:	2024-06-28
Referenced in:	National Plumbing Code 2.2.7.3.(1) National Plumbing Code A-2.2.5. to 2.2.8. Code national de la plomberie 2.2.7.3. 1) Code national de la plomberie A-2.2.5. à 2.2.8.
Standing Committee(s):	

Process

2025-01-06 — Received

Update 1288

Updated Document Number As Submitted By Issuing Agency

B16.15-~~2018~~2024

Updated Document Number (Current Version)

B16.15-~~2018~~2024

Updated Document Title As Submitted By Issuing Agency

Cast Copper Alloy Threaded Fittings: Classes 125 and 250

Updated Document Title (Current Version)

Cast Copper Alloy Threaded Fittings: Classes 125 and 250

Significant Changes

Page Location Change (Record Number)
1 2.8 Added (23-2141)
17 Mandatory Appendix I Updated (23-592 and 23-2139)

Rationale/Justification

Revision

Update to B16.26-2018 — Cast Copper Alloy Fittings for Flared Copper Tubes

Update No.:	1318
Date of Update:	2025-07-07
Updated By:	
Issuing Agency:	American Society of Mechanical Engineers
Status:	Updated
Publication Date:	2025-02-03
Referenced in:	National Plumbing Code 2.2.7.7.(1) National Plumbing Code 2.2.7.7.(2) Code national de la plomberie 2.2.7.7. 1) Code national de la plomberie 2.2.7.7. 2)
Standing Committee(s):	

Process

2025-07-07 — Received

Update 1318

Updated Document Number As Submitted By Issuing Agency

B16.26-~~2018~~2024

Updated Document Number (Current Version)

B16.26-~~2018~~2024

Updated Document Title As Submitted By Issuing Agency

Cast Copper Alloy Fittings for Flared Copper Tubes

Updated Document Title (Current Version)

Cast Copper Alloy Fittings for Flared Copper Tubes

Significant Changes

Page Location Change (Record Number)
1 2.6 Added (24-615)
6 Mandatory Appendix I Updated (23-601)

Rationale/Justification

Revision

Update to B31.3-2016 — Process Piping

Update No.:	1322
Date of Update:	2025-08-08
Updated By:	
Issuing Agency:	American Society of Mechanical Engineers
Status:	Updated
Publication Date:	2024-12-27
Referenced in:	National Fire Code 4.5.2.1.(5) Code national de prévention des incendies 4.5.2.1. 5)
Standing Committee(s):	

Process

2025-08-12 — Received

Update 1322

Updated Document Number As Submitted By Issuing Agency

B31.3-~~2016~~2024

Updated Document Number (Current Version)

B31.3-~~2016~~2024

Updated Document Title As Submitted By Issuing Agency

Process Piping

Updated Document Title (Current Version)

Process Piping

Significant Changes

Submitting the changes in an email

Rationale/Justification

Revision

ASME B31.3-2024
SUMMARY OF CHANGES

Following approval by the ASME B31.3 Committee and ASME, and after public review, ASME B31.3-2024 was approved by the American National Standards Institute on July 9, 2024.

ASME B31.3-2024 includes the following changes identified by a margin note, **(24)**. In addition, many of the figures and tables have been editorially redesignated. Cross-references have been updated accordingly. For the user's convenience, a table listing the former and current figure and table designations follows this Summary of Changes.

Page	*Location*	*Change*
xxiv	Introduction	Revised
xxii	Correspondence With the B31 Committee	Added
3	300.1.5	(1) Revised (2) Footnote 3 added and subsequent footnote redesignated
3	300.2	Definitions of *may*, *reinforcement*, *shall*, and *should* revised
12	301.5	Paragraphs 301.5.1 and 301.5.4 revised
15	302.3.2	Subparagraph (d)(3) revised
16	Table 302.3.3-1	General Note and Notes (2) and (3) revised
17	Table 302.3.3-2	First column and General Note revised
16	302.3.5	Subparagraph (f)(2) revised
25	304.3.1	Subparagraph (a)(3) revised
25	304.3.2	First sentence revised
25	304.3.3	Subparagraphs (a), (c)(2), and (f)(3) revised
26	Figure 304.3.3-1	Revised in its entirety
28	304.3.4	Subparagraphs (c) and (d) revised
35	306.2.1	Subparagraph (b) revised
36	306.7	Added
36	308.2.1	Subparagraph (c)(1) revised
39	314.2.2	First sentence revised
39	Table 314.2.1-1	Note (3) revised
40	319.2.2	Subparagraph (b)(3) revised
44	319.5.2	Revised
44	319.6	Revised
44	320.1	Revised
45	320.2	(1) Revised (2) Footnote 9 deleted and subsequent footnotes redesignated
50	323.2.2	(1) Subparagraph (b)(3) corrected by errata (2) Footnote 1 revised
51	Table 323.2.2-1	Editorially reformatted
55	Table 323.2.2-2	Nominal Thickness columns revised
59	Table 323.3.4-1	Revised

FOR ASME COMMITTEE USE ONLY

Page	*Location*	*Change*
58	323.3.5	Subparagraph (d)(2) revised
62	326.1.1	Footnote 1 revised
63	Table 326.1.1-1	(1) Updated (2) General Note (a) revised (3) Notes (9) and (10) deleted
69	328.5.1	(1) Subparagraph (g) added (2) Footnote 1 added and subsequent footnotes redesignated
70	328.5.2	Revised by errata
74	328.7	Revised
76	Table 330.1.1-1	Revised
75	330.1.4	Revised
75	330.2.2	Subparagraph (a) revised
77	Table 331.1.1-1	Minimum Holding Time columns and Notes (7) and (8) revised
78	Table 331.1.2-1	Note (1) revised
79	Table 331.1.3-1	Revised
78	331.2.2	Second paragraph revised
81	331.2.5	Revised
81	331.2.6	Revised
81	332.2.1	Title and first sentence revised
82	333.1.2	Footnote 3 added
82	333.2.1	(1) Revised (2) Footnotes 4 and 5 added
82	335.2.2	Title and subpara. (a) revised
85	340.3	Revised
86	341.3.2	Subparagraph (c) added
87	Figure 341.3.2-1	Illustrations (a) and (b) revised
88	Table 341.3.2-1	(1) Revised (2) Notes (5) and (6) added and former Note (5) redesignated as Note (7)
89	Criterion Value Notes for Table 341.3.2-1	(1) Revised (2) Note (3) added and subsequent Notes redesignated
86	341.4	Revised
86	341.4.1	Subparagraphs (a)(3) and (b)(1) revised
92	342.1	(1) First paragraph revised (2) Footnotes 1 and 2 added and subsequent footnote redesignated
94	344.5.2	Subparagraph (c)(2) and last sentence revised
94	344.6	Subparagraph (b) revised
95	345.1	First sentence revised
95	345.2.3	Revised in its entirety
96	345.2.5	Subparagraph (a) revised
97	345.5.1	Revised
98	346.2	Revised
102	A304.3.1	First sentence revised
108	A323.2.2	Subparagraph (a) revised
110	A328.1	Revised

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Page	*Location*	*Change*
111	Table A326.1-1	General Note revised
110	A328.2.2	Revised
113	A328.2.4	Revised
114	A328.5.3	Subparagraphs (a) and (b) revised
114	A328.5.4	Subparagraph (b) revised
115	A328.5.5	(1) Subparagraph (b) revised (2) Last paragraph added
115	Figure A328.5.5-1	Revised
125	M341.4	Revised
129	K300	(1) Subparagraph (b)(2) revised (2) Subparagraphs (b)(2)(-a) through (b)(2)(-j) added
130	K301.3.2	Revised in its entirety
131	K302.3.2	In subparagraph (b), eq. (31a) and nomenclature revised
131	K302.3.3	Subparagraphs (b) and (c) revised
132	K302.3.5	Subparagraphs (a) and (c) revised
132	Table K302.3.3-1	First column revised
133	K304.1.1	In subpara. (b), second definition of c revised
134	K304.5.1	Subparagraph (b) revised
134	K304.5.2	Subparagraph (b) revised
136	Table K305.1.2-1	Revised
137	K309	Revised
138	K314.2	Subparagraph (b) revised
140	K323.2.1	Revised
141	K323.3.1	(1) Subparagraph (a) revised (2) Subparagraph (a)(4) added and subsequent subparagraph redesignated
142	Table K323.3.1-1	Note (2) deleted and subsequent Notes redesignated
144	Table K323.3.5-1	In second column, inch equivalencies revised
143	K323.4.3	Subparagraph (b) revised
145	Table K326.1.1-1	Revised in its entirety
143	K326.1.1	Revised
146	K328.3.1	Footnote 8 revised
147	K328.7	Added
147	K330.1.3	Title revised
148	K332.2.1	Revised in its entirety
149	K333.2.3	Subparagraph (d) revised
150	K335	(1) First paragraph revised (2) Former para. K335.4 redesignated as para. K335.6 (3) Paragraph K335.5 deleted
150	K341.3.2	Revised
151	Table K341.3.2-1	First row and General Note (a) revised
150	K341.4	(1) In para. K341.4.1, subpara. (a) revised in its entirety and subpara. (d) added (2) Paragraph K341.4.3 added and subsequent paragraph redesignated
153	K344.1	Corrected by errata

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Page	*Location*	*Change*
153	K344.6.2	(1) Subparagraphs (a) and (c) revised (2) Footnote 9 added
154	K344.6.3	Revised
154	K344.8	Subparagraph (b) revised
154	K345.1	First sentence revised
155	K345.2.2	Revised
155	K345.2.3	(1) Subparagraph (b) revised in its entirety (2) Subparagraph (d) added
157	Chapter X, Part 2	U304, U304.5, and U304.5.3 titles added
159	U328.4.2	Subparagraphs (b)(1) through (b)(3) revised
160	Figure U328.4.2-1	Revised
163	U346.2	Revised
165	Appendix A	Introductory text editorially revised
169	Specification Index for Appendix A	(1) Titles of ASTM A565, ASTM B423, and ASTM B725 revised (2) ASTM B637 added (3) General Note revised
170	Notes for Tables A-1 and A-1C	(1) Notes (7), (12), (21) through (23), and (46) revised (2) Note (65) added
174	Table A-1	Revised in its entirety
284	Table A-1C	(1) Revised in its entirety (2) For Low and Intermediate Alloy Steels, order of the following column headings corrected by errata: “Min. Tensile Strength” and “Min. Yield Strength”
370	Notes for Tables A-4 and A-4C	General Note (e) revised
372	Table A-4	Lines 81 and 133 added and subsequent lines redesignated
388	Table A-4C	(1) Revised (2) In line 26 under Alloy Steel, design stress values at 800°F to 1,000°F corrected by errata (3) For Copper and Copper Alloys, Nickel and Nickel Alloys, and Aluminum Alloys, Note reference in “Min. Temp.” column heading corrected by errata
398	Appendix B	Introductory text editorially revised
399	Specification Index for Appendix B	General Note revised
406	Appendix C	Introductory text editorially revised
408	Table C-1	Revised in its entirety
414	Table C-1C	Revised in its entirety
421	Table C-3	(1) N07718 added (2) A95652 deleted
424	Table C-3C	(1) N07718 added (2) A95652 deleted
430	Appendix E	Updated
436	F304.7.4	Subparagraph (f) revised
437	F306	Added
437	F312.1	First paragraph revised
438	F323.2.2	Revised
440	F335.9	Subparagraph (c) revised
441	F335.10	Revised

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Page	*Location*	*Change*
443	G300	Subparagraph (b) revised
448	H304	Revised
453	Appendix J	Revised
470	Appendix K	Introductory text editorially revised
471	Specification Index for Appendix K	Revised
472	Notes for Tables K-1 and K-1C	General Note (d) and Notes (1), (16), and (17) revised
474	Table K-1	Revised in its entirety
486	Table K-1C	Revised in its entirety
500	L301.2	Revised
501	Table L301.1-1	Revised
501	Table L301.1-1C	Revised
502	L305	Subparagraph (a) revised
504	Figure M-1	(1) Revised (2) General Note (a) revised
505	Appendix N	Revised in its entirety
510	R304	Subparagraph (b) revised
511	R307	Subparagraphs (a), (a)(1), and (a)(2) revised
513	S301.1	First paragraph revised
513	S301.2	Revised
520	S303.1	Second paragraph revised
521	S303.2	Revised
531	W300	First paragraph revised
532	W302.1	Revised
536	X301	“Piping designer” revised to “designer” throughout
536	X301.1	Revised
538	X302.2.2	Subparagraph (a) revised
540	Appendix Z	Revised in its entirety
541	Index	Updated

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Update to B31.9-2017 — Building Services Piping

Update No.:	1329
Date of Update:	2025-11-04
Updated By:	
Issuing Agency:	American Society of Mechanical Engineers
Status:	Updated
Publication Date:	2025-09-01
Referenced in:	National Plumbing Code 2.3.2.8.(1) Code national de la plomberie 2.3.2.8. 1)
Standing Committee(s):	

Process

2025-11-05 — Received

Update 1329

Updated Document Number As Submitted By Issuing Agency

B31.9-~~2017~~2025

Updated Document Number (Current Version)

B31.9-~~2017~~2025

Updated Document Title As Submitted By Issuing Agency

Building Services Piping

Updated Document Title (Current Version)

Building Services Piping

Significant Changes

Submitting the changes in an email

Rationale/Justification

Revision

ASME B31.9-2025
SUMMARY OF CHANGES

Following approval by the ASME B31 Standards Committee and ASME, and after public review, ASME B31.9-2025 was approved by the American National Standards Institute on June 17, 2025.

ASME B31.9-2025 includes the following changes identified by a margin note, **(25)**. In addition, many of the figures and tables have been editorially redesignated. Cross-references have been updated accordingly. For the user's convenience, a table listing the former and current figure and table designations follows this Summary of Changes.

Page	*Location*	*Change*
xii	Introduction	Second paragraph revised
1	900	Third paragraph revised
3	900.2	Definition of *inspector* revised
9	901.6	Revised
11	904.1.1	Subparagraph (a)(1) revised
12	904.2.2	First paragraph revised
14	905.2	Paragraphs 905.2.1 through 905.2.3 revised
15	906.3	Revised
16	913.1	Revised
18	919.2.3	Revised
18	920.1.2	Last paragraph revised
21	921.2.1	Subparagraph (c) revised
27	923.2	In paras. 923.2.3 and 923.2.4, "flammable" revised to "combustible"
27	923.3.2	First paragraph revised
30	Table 926.1-1	In former Table 926.1, MSS SP-119 added
36	927.3.1	Subparagraph (e) added
45	935.13	Revised
46	936.6.1	Subparagraphs (c) and (g) revised
47	937.2.1	Revised
48	937.3.5	Revised
48	937.4.1	Subparagraph (f) added
48	937.4.2	Revised
48	937.4.5	Revised
48	937.5.1	Revised
48	937.5.2	Revised
50	Table I-1	Note (3) deleted
57	Table I-4	Note (1) revised
59	Mandatory Appendix III	Updated
62	Mandatory Appendix IV	Deleted
64	B-1.2	Definitions of *active components*, *critical piping*, and *design earthquake* revised

FOR ASME COMMITTEE USE ONLY

Page	*Location*	*Change*
67	B-3.6	Revised
67	B-7	Updated

FOR ASME COMMITTEE USE ONLY

Update to A123/A123M-17 — Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products

Update No.:	1303
Date of Update:	2025-04-01
Updated By:	
Issuing Agency:	American Society for Testing and Materials International
Status:	Updated
Publication Date:	2024-07-17
Referenced in:	National Building Code Table 5.9.1.1. National Building Code Table 9.20.16.1. Code national du bâtiment Tableau 5.9.1.1. Code national du bâtiment Tableau 9.20.16.1.
Standing Committee(s):	

Process

2025-04-01 — Received

Update 1303

Updated Document Number As Submitted By Issuing Agency

ASTM A123/A123M-~~17~~24

Updated Document Number (Current Version)

ASTM A123/A123M-~~17~~24

Updated Document Title As Submitted By Issuing Agency

Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products

Updated Document Title (Current Version)

Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products

Significant Changes

Committee A05 has identified the location of selected changes to this standard since the last issue (A123/A123M – 17) that may impact the use of this standard. (Approved May 1, 2024.)

(1) All instances of “gage” changed to “gauge”.
(2) Added missing metric designations to ASTM Specifications.
(3) Corrected arrow direction for “lot passes thickess” in Fig.3.
(4) Table 1 was revised.
(5) Added Note 9.
(6) Note 13 and Note 14 added to 8.2.1. Subsequent numbers for notes updated.
(7) Added 3.2.6 to Section 3.
(8) Clarified the calculation of max area subject to renovation in 6.2 and Note 6.
(9) Added 3.2.5 to Section 3.
(10) Added 6.4.1, and added additional verbiage to 6.2.
(11) Additional verbiage added to 3.2.11, 6.1, 6.1.1, and 6.1.2.
(12) Added Appendix X1.

Rationale/Justification

The changes corrected spelling, added missing metric designations, corrected labelling, added notes, expanded sections, and added an appendix.

Impact Assessment

It is not expected that the changes in the revised standard will have incremental costs for compliance or for enforcement compared to the previous edition.

Update to A153/A153M-16a — Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware

Update No.:	1304
Date of Update:	2025-04-01
Updated By:	
Issuing Agency:	American Society for Testing and Materials International
Status:	Updated
Publication Date:	2023-05-16
Referenced in:	National Building Code Table 5.9.1.1. National Building Code Table 9.20.16.1. National Building Code 9.23.2.4.(2) Code national du bâtiment Tableau 5.9.1.1. Code national du bâtiment Tableau 9.20.16.1. Code national du bâtiment 9.23.2.4. 2)
Standing Committee(s):	

Process

2025-04-01 — Received

Update 1304

Updated Document Number As Submitted By Issuing Agency

A153/A153M-~~16a~~23

Updated Document Number (Current Version)

A153/A153M-~~16a~~23

Updated Document Title As Submitted By Issuing Agency

Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware

Updated Document Title (Current Version)

Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware

Significant Changes

Committee A05 has identified the location of selected changes to this standard since the last issue, A153/A153M – 16a, that may impact the use of this standard. (April 1, 2023)

(1) Added clarifying language to Note 3 in 5.2.

Rationale/Justification

The changes added clarifying language.

Impact Assessment

It is not expected that the changes in the revised standard will have incremental costs for compliance or for enforcement compared to the previous edition.

Update to A182/A182M-19 — Standard Specification for Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service

Update No.:	1305
Date of Update:	2025-04-01
Updated By:	
Issuing Agency:	American Society for Testing and Materials International
Status:	Updated
Publication Date:	2024-10-29
Referenced in:	National Plumbing Code 2.2.6.12.(1) National Plumbing Code 2.2.6.13.(1) Code national de la plomberie 2.2.6.12. 1) Code national de la plomberie 2.2.6.13. 1)
Standing Committee(s):	

Process

2025-04-01 — Received

Update 1305

Updated Document Number As Submitted By Issuing Agency

A182/A182M~~-19~~ − 24c

Updated Document Number (Current Version)

A182/A182M~~-19~~ − 24c

Updated Document Title As Submitted By Issuing Agency

Standard ~~Specification~~Specification for Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service

Updated Document Title (Current Version)

Standard ~~Specification~~Specification for Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service

Significant Changes

Committee A01 has identified the location of selected changes to this standard since the last issue (A182/A182M – 24b) that may impact the use of this standard. (Approved Oct. 15, 2024.)

(1) Revised Tables 1-3 to add Grade F30926 (UNS S30926).

Committee A01 has identified the location of selected changes to this standard since the last issue (A182/A182M – 24a) that may impact the use of this standard. (Approved Aug. 15, 2024.)

(1) Table 1 – ‘Solutioning’ replaced with ‘Solution Treatment.’
(2) Table 1 – Added option to quench and temper the martensitic stainless grades.

Committee A01 has identified the location of selected changes to this standard since the last issue (A182/A182M – 24) that may impact the use of this standard. (Approved May 1, 2024.)

(1) Added Grades F3127 (UNS N08031) and F330 (UNSN08330) to Austenitic Stainless Steels in Table 1, Table 2, and Table 3.

Committee A01 has identified the location of selected changes to this standard since the last issue (A182/A182M – 23) that may impact the use of this standard. (Approved March 1, 2024.)

(1) Added 310S to Tables 1-4 and 7.3.1.
(2) Table 2 revised to add footnote S for Grade F53 (UNS S32750).

Committee A01 has identified the location of selected changes to this standard since the last issue (A182/A182M – 22a) that may impact the use of this standard. (Approved May 1, 2023.)

(1) Added Supplementary Requirement S13.

Rationale/Justification

The standards has undergone multiple revisions since the last update. The changes revise tables, add grades and suplementary requirements.

Impact Assessment

It is not expected that the changes in the revised standard will have incremental costs for compliance or for enforcement compared to the previous editions.

Update to A193/A193M-17 — Standard Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications

Update No.:	1306
Date of Update:	2025-04-01
Updated By:	
Issuing Agency:	American Society for Testing and Materials International
Status:	Updated
Publication Date:	2024-10-29
Referenced in:	National Fire Code 4.5.5.4.(1) Code national de prévention des incendies 4.5.5.4. 1)
Standing Committee(s):	

Process

2025-04-01 — Received

Update 1306

Updated Document Number As Submitted By Issuing Agency

A193/A193M-~~17~~24a

Updated Document Number (Current Version)

A193/A193M-~~17~~24a

Updated Document Title As Submitted By Issuing Agency

Standard Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications

Updated Document Title (Current Version)

Standard Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications

Significant Changes

Committee A01 has identified the location of selected changes to this standard since the last issue (A193/A193M – 24) that may impact the use of this standard. (Approved Oct. 15, 2024.)

(1) Revised 12.1.

Committee A01 has identified the location of selected changes to this standard since the last issue (A193/A193M – 23) that may impact the use of this standard. (Approved March 1, 2024.)

(1) Revised 11.1 to remove requirements on retesting.

Rationale/Justification

Multiple revisions have been made to the standard since the last update. The changes included modification to certain nomenclature, updated minium stress relief temperature requirements for certain products, and removed requirements

on testing.

Impact Assessment

It is not expected that the changes in the revised standard will have incremental costs for compliance or for enforcement compared to the previous edition.

Update to A1008/A1008M-18 — Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable

Update No.:	1301
Date of Update:	2025-04-01
Updated By:	
Issuing Agency:	American Society for Testing and Materials International
Status:	Updated
Publication Date:	2024-05-16
Referenced in:	National Building Code 4.2.3.8.(1) Code national du bâtiment 4.2.3.8. 1)
Standing Committee(s):	

Process

2025-04-01 — Received

Update 1301

Updated Document Number As Submitted By Issuing Agency

A1008/A1008M-~~18~~24

Updated Document Number (Current Version)

A1008/A1008M-~~18~~24

Updated Document Title As Submitted By Issuing Agency

Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, **Required Hardness,** Solution Hardened, and Bake Hardenable

Updated Document Title (Current Version)

Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, **Required Hardness,** Solution Hardened, and Bake Hardenable

Significant Changes

Committee A01 has identified the location of selected changes to this standard since the last issue (A1008/A1008M – 23ε1) that may impact the use of this standard. (Approved May 1, 2024.)

(1) Table 2 – increased maximum carbon content from 0.20 % max to 0.25 % max, for SS grades 40 through 70, to establish harmony with other like specifications, such as A1011, A1018, A463, A653, A792, A875, A1046, A1063.

Committee A01 has identified the location of selected changes to this standard since the last issue A1008/A1008M – 21a) that may impact the use of this standard. (Approved Nov. 1, 2023.)

(1) Table 1 deleted content of footnote C which specified titanium equation, and relabeled footnotes D, E, F, G, H, I, J, K, & L to footnotes C, D, E, F, G, H, I, J, & K, respectively.

(2) Table 2 deleted content of footnote C which specified titanium equation, and relabeled footnotes D, E, F, & G to footnotes C, D, E, & F respectively.

Rationale/Justification

The changes to the standards increase maximum carbon content to harmonize with other ASTM standards and delete content.

Impact Assessment

It is not expected that the changes in the revised standard will have incremental costs for compliance or for enforcement compared to the previous edition.

Update to A1011/A1011M-18a — Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength

Update No.:	1302
Date of Update:	2025-04-01
Updated By:	
Issuing Agency:	American Society for Testing and Materials International
Status:	Updated
Publication Date:	2023-06-07
Referenced in:	National Building Code 4.2.3.8.(1) Code national du bâtiment 4.2.3.8. 1)
Standing Committee(s):	

Process

2025-04-01 — Received

Update 1302

Updated Document Number As Submitted By Issuing Agency

A1011/A1011M-~~18a~~23

Updated Document Number (Current Version)

A1011/A1011M-~~18a~~23

Updated Document Title As Submitted By Issuing Agency

Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength

Updated Document Title (Current Version)

Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength

Significant Changes

Committee A01 has identified the location of selected changes to this standard since the last issue (A1011/A1011M – 18a) that may impact the use of this standard. (Approved May 1, 2023.)

(1) Removed titanium equation from Footnote C of Tables 1 and 2.

(2) Relabeled Footnote J of Table 1 and Footnote G of Table 2 as Footnote C in Tables 1 and 2.

Rationale/Justification

The changes removed an equation and relabeled footnotes.

Impact Assessment

It is not expected that the changes in the revised standard will have incremental costs for compliance or for enforcement compared to the previous edition.

Update to CAN/CGSB-12.1-2017 — Safety Glazing

Update No.:	1352
Date of Update:	2026-04-07
Updated By:	
Issuing Agency:	Canadian General Standards Board
Status (English):	Updated
Publication Date (English):	2026-03-23
Status (French):	Updated
Publication Date (French):	2026-03-23
Referenced in (English):	National Building Code 3.3.1.20.(3) National Building Code 3.3.2.17.(1) National Building Code 3.3.2.17.(2) National Building Code 3.4.6.15.(1) National Building Code 3.4.6.15.(3) National Building Code 3.7.2.4.(1) National Building Code Table 5.9.1.1. National Building Code 9.6.1.2.(1) National Building Code 9.6.1.4.(1) National Building Code 9.6.1.4.(6) National Building Code 9.8.8.7.(1)
Referenced in (French):	Code national du bâtiment 3.3.1.20. 3) Code national du bâtiment 3.3.2.17. 1) Code national du bâtiment 3.3.2.17. 2) Code national du bâtiment 3.4.6.15. 1) Code national du bâtiment 3.4.6.15. 3) Code national du bâtiment 3.7.2.4. 1) Code national du bâtiment Tableau 5.9.1.1. Code national du bâtiment 9.6.1.2. 1) Code national du bâtiment 9.6.1.4. 1) Code national du bâtiment 9.6.1.4. 6) Code national du bâtiment 9.8.8.7. 1)
National Model Codes Committee(s):	

Process

2026-04-07 — Received

Update 1352

Updated Document Number As Submitted By Issuing Agency (English)

CAN/CGSB-12.1-~~2017~~2026

Updated Document Number (Current Version) (English)

CAN/CGSB-12.1-~~2017~~2026

Updated Document Number As Submitted By Issuing Agency (French)

CAN/CGSB-12.1-~~2017~~2026

Updated Document Number (Current Version) (French)

CAN/CGSB-12.1-~~2017~~2026

Updated Document Title As Submitted By Issuing Agency (English)

Safety Glazing

Updated Document Title (Current Version) (English)

Safety Glazing

Updated Document Title As Submitted By Issuing Agency (French)

Vitrage de sécurité

Updated Document Title (Current Version) (French)

Vitrage de sécurité

Significant Changes

- Expanded classifications to include a section on vacuum insulating glass (VIG).
- Various editorial fixes related to the CGSB Style Manual.
- Sections on testing method description were replaced with references to the appropriate ASTM standard to better harmonize with ANSI Z97.1 Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test.
- Normative references were updated and bibliography was added.
- Annex B was added to consider the climate resiliency on glass when exposed to extreme conditions and related to climate change.

Rationale/Justification

The Canadian Glass Committee wanted to maintain harmonization with the ANSI Z97.1 standard to facilitate cross-border trade between Canada and the U.S.A. We included newer technologies such as Vacuum Insulating Glazing (VIG) and Chemically Strengthened glass (if it complies with the testing requirements of the Standard). We received funding from the Standards Council of Canada to update the standard in consideration of the climate changes being experienced in all regions of Canada. We developed Annex B which addresses considerations for climate resiliency.

Impact Assessment

There should be no cost differential implications in the new version of the Standard.

Update to CAN/CGSB-12.8-97 — Insulating glass units

Update No.:	1353
Date of Update:	2026-04-07
Updated By:	
Issuing Agency:	Canadian General Standards Board
Status (English):	Updated
Publication Date (English):	2026-03-23
Status (French):	Updated
Publication Date (French):	2026-03-23
Referenced in (English):	National Building Code Table 5.9.1.1. National Building Code 9.6.1.2.(1)
Referenced in (French):	Code national du bâtiment Tableau 5.9.1.1. Code national du bâtiment 9.6.1.2. 1)
National Model Codes Committee(s):	

Process

2026-04-07 — Received

Update 1353

Updated Document Number As Submitted By Issuing Agency (English)

CAN/CGSB-12.8-~~97~~2026

Updated Document Number (Current Version) (English)

CAN/CGSB-12.8-~~97~~2026

Updated Document Number As Submitted By Issuing Agency (French)

CAN/CGSB-12.8-~~97~~2026

Updated Document Number (Current Version) (French)

CAN/CGSB-12.8-~~97~~2026

Updated Document Title As Submitted By Issuing Agency (English)

Insulating glass units

Updated Document Title (Current Version) (English)

Insulating glass units

Updated Document Title As Submitted By Issuing Agency (French)

Vitrages isolants

Updated Document Title (Current Version) (French)

Vitrages isolants

Significant Changes

- Editorial changes have been made
- Normative references updated
- Addition of terms and definitions section
- Detailed requirements separated to general and detailed requirement sections
- Options section removed
- Addition of insulating glass units with a VIG lite (hybrid units)
- Allowance for additional glass thicknesses
- Addition of quadruple-glazed IGU with glass lites
- Some revisions to this standard have been made to address the increase in extreme climate events across Canada
- Revised testing methodology for High Humidity and Weathering Cycling
- Revised viewing methodology for Volatile Fog
- Revised Gas Concentration testing methodology
- Addition of Internal Components
- New annex on Climate Resiliency
- New annex on Rapid Assessment Chamber (RAC)
- New annex on Internal Components
- Removed Annex on Optional Initial Seal Test
- Removed Annex on Failure Analysis for Gas-Filled IG Units (water immersion technique)

Rationale/Justification

The Canadian Glass Committee received funding to address climate resiliency in revising this standard. The stringency of durability testing of insulating glass units has been increased which will address the increase in extreme climate events across Canada. The duration of durability testing has been increased by 4 weeks and includes both weather cycling and high humidity testing. The previous standard had one round of high humidity testing, the revised standard has two plus the same test specimens are subjected to both weather cycling and high humidity whereas previously it was separate test specimens . The volatile fogging test temperature has been maintained and is the highest temperature of this type of test in the world. The viewing criteria for volatile fogging has been updated and is also more stringent.

New test methodologies have been included in the standard in Annex C which will likely be the preferred method of durability testing in the future.

An annex was included to advise users of this standard of climate resiliency and climatic conditions that should be considered when specifying insulating glass units.

Impact Assessment

There very likely will be a cost implication to users of this standard due to a more stringent level of testing as well as an additional month of testing. The cost differential should not be extreme as most of the laboratories already have the capability of testing to these new requirements. Currently there is only one authorized testing laboratory in Canada so there is no competition in the cost. This new standard will include more authorized testing facilities so an increase in competition should keep testing costs down.

Update to A440S1:19 — Canadian Supplement to AAMA/WDMA/CSA 101/I.S.2/A440-17, North American Fenestration Standard/Specification for windows, doors, and skylights

Update No.:	1261
Date of Update:	2024-06-24
Updated By:	
Issuing Agency:	Canadian Standards Association
Status (English):	Updated
Publication Date (English):	2025-01-01
Status (French):	Updated
Publication Date (French):	2025-01-01
Referenced in (English):	National Building Code 5.9.2.2.(1) National Building Code 5.9.3.5.(3) National Building Code A-5.9.2.2. National Building Code A-5.9.3.5.(3) National Building Code 9.7.4.2.(1) National Building Code 9.36.2.9.(3) National Building Code A-9.7.4.2.(1)
Referenced in (French):	Code national du bâtiment 5.9.2.2. 1) Code national du bâtiment 5.9.3.5. 3) Code national du bâtiment A-5.9.2.2. Code national du bâtiment A-5.9.3.5. 3) Code national du bâtiment 9.7.4.2. 1) Code national du bâtiment 9.36.2.9. 3) Code national du bâtiment A-9.7.4.2. 1)
National Model Codes Committee(s):	EE, ES, HSB

Process

2024-06-24 — Received

2024-06-24 — Sorted

Update 1261

Updated Document Number As Submitted By Issuing Agency (English)

A440S1:~~19~~24

Updated Document Number (Current Version) (English)

A440S1:~~19~~25

Updated Document Number As Submitted By Issuing Agency (French)

A440S1:19

Updated Document Number (Current Version) (French)

A440S1:~~19~~25

Updated Document Title As Submitted By Issuing Agency (English)

Canadian Supplement to AAMA/WDMA/CSA 101/I.S.2/A440-~~17~~24, North American Fenestration Standard/Specification for windows, doors, and skylights

Updated Document Title (Current Version) (English)

Canadian Supplement to AAMA/WDMA/CSA 101/I.S.2/A440-~~17~~22, North American Fenestration Standard/Specification for windows, doors, and skylights

Updated Document Title As Submitted By Issuing Agency (French)

Supplément canadien à AAMA/WDMA/CSA 101/I.S.2/A440-17, Norme nord-américaine sur les fenêtres/Spécification relative aux fenêtres, aux portes et aux lanterneaux

Updated Document Title (Current Version) (French)

Supplément canadien à AAMA/WDMA/CSA 101/I.S.2/A440-~~17~~22, Norme nord-américaine sur les fenêtres/Spécification relative aux fenêtres, aux portes et aux lanterneaux

Significant Changes

• Corrections made to align with different version of NAFS including date changes.
• Correction made to align with NBC 2020.
• Change from low-rise buildings to low building in the definition section with modification to the definition itself and throughout the standard to be consistent with NBC 2020 terminology.
• Addition of notes 3) to 7) for clarification on the use of factors including the use of Ct (topographic factor) in calculation of specified DRWP in section 4.2.1.
• Modification of references to tables and sections of NAFS-22
• Modification to 4.2.2 Calculation of specified wind load to include 20m and less building including changes to tables 2, 3, 4 and 5
• Modification to reference height h with reference to the exposure factor in 4.2.2 Calculation of specified wind load and corresponding notes 1 and 2) as well as corresponding changes in the Annex A
• Changes to references for operating force requirements section 5.3, as accepted at the A119 meeting on November 17th 2023:
o deletion of section 5.3
o Changes to references for air leakage performance section 5.4, with the addition of a note to the user
• Small modification to Marking requirements Section 6.5.2 Performance rating.
• Modifications to Table A.1 Climate design data for selected locations in Canada to be consistent with NBC 2020.
• Status quo on section 5.5 Water penetration resistance test

Rationale/Justification

See above.

Impact Assessment

No cost impact anticipated.

Update to ANSI/CSA-B149.6-15 — Code for digester gas, landfill gas, and biogas generation and utilization

Update No.:	1314
Date of Update:	2025-05-07
Updated By:	
Issuing Agency:	Canadian Standards Association
Status (English):	Updated
Publication Date (English):	2025-02-19
Status (French):	Updated
Publication Date (French):	2025-02-19
Referenced in (English):	National Building Code 2.2.8.1.(3)
Referenced in (French):	Code national du bâtiment 2.2.8.1. 3)
Standing Committee(s):	

Process

2025-05-07 — Received

Update 1314

Updated Document Number As Submitted By Issuing Agency (English)

CSA/ANSI/~~CSA~~ B149.6-~~15~~:25

Updated Document Number (Current Version) (English)

CSA/ANSI/~~CSA~~ B149.6-~~15~~:25

Updated Document Number As Submitted By Issuing Agency (French)

CSA/ANSI/~~CSA~~ B149.6-~~15~~:F25

Updated Document Number (Current Version) (French)

CSA/ANSI/~~CSA~~ B149.6-~~15~~:F25

Updated Document Title As Submitted By Issuing Agency (English)

Code for ~~digester gas, landfill gas, and~~ biogas generation and utilization

Updated Document Title (Current Version) (English)

Code for ~~digester gas, landfill gas, and~~ biogas generation and utilization

Updated Document Title As Submitted By Issuing Agency (French)

Code ~~visant~~sur la production et l'~~'~~utilisation des ~~gaz de digestion, gaz d'enfouissement et~~ biogaz

Updated Document Title (Current Version) (French)

Code ~~visant~~sur la production et l'~~'~~utilisation des ~~gaz de digestion, gaz d'enfouissement et~~ biogaz

Significant Changes

This is the third edition of CSA/ANSI B149.6, Code for biogas generation and utilization. It supersedes the previous editions published in 2020 and 2015 under the title Code for digester gas, landfill gas, and biogas generation and utilization.
The major changes to this edition include the following:
a) restructured the format to amalgamate common requirements for each gas type and separate specific requirements for each type of gas system;
b) harmonized the requirements for wastewater digester gas, organic digester gas, and landfill gas, where applicable, to avoid unnecessary repetition;
c) added Clause 1.1.7 to clarify application of this Code for flares on biogas systems (Clause 1.1.7);
d) added the definition for biogas, which includes landfill gas, organic digester gas, and wastewater digester gas (Clause 3);
e) added the definition for manual valves (Clause 3);
f) added the definition for control valve, gas equipment room or building, gas piping system, isolation facility, liquid seal, liquid seal skirt, and manual valve (Clause 3);
g) modified the definition for compressor, renewable natural gas, and standby gas (Clause 3);
h) moved the flare valve train requirements from Annex D into the body of the Code (Clause 6.4);
i) updated the clause relating to lubricated plug valves to align with recognized standards (Clause 8.8.4);
j) updated the clause relating to manual valves to align with recognized standards (Clause 8.8.6); and
k) added a new requirement for approved wiring diagrams for appliance control circuits (Clause 12.2).

Rationale/Justification

Revised to contain updated requirements to reflect industry changes, current technologies, streamline the document and clarification of requirements.

Impact Assessment

The changes provide additional information over the 2020 edition and provides clarity for increased compliance.

Update to B149.1-15 — Natural gas and propane installation code

Update No.:	1312
Date of Update:	2025-05-07
Updated By:	
Issuing Agency:	Canadian Standards Association
Status (English):	Updated
Publication Date (English):	2025-02-26
Status (French):	Updated
Publication Date (French):	2025-04-29
Referenced in (English):	National Building Code 2.4.2.2.(2) National Building Code 6.2.1.5.(1) National Building Code 9.10.22.1.(1) National Building Code 9.31.6.2.(2) National Building Code 9.33.5.2.(1) National Building Code A-9.10.22. National Fire Code 3.1.1.4.(2) National Fire Code 3.1.1.4.(3) National Fire Code 4.6.1.1.(2) National Fire Code 5.6.1.10.(1)
Referenced in (French):	Code national du bâtiment 2.4.2.2. 2) Code national du bâtiment 6.2.1.5. 1) Code national du bâtiment 9.10.22.1. 1) Code national du bâtiment 9.31.6.2. 2) Code national du bâtiment 9.33.5.2. 1) Code national du bâtiment A-9.10.22. Code national de prévention des incendies 3.1.1.4. 2) Code national de prévention des incendies 3.1.1.4. 3) Code national de prévention des incendies 4.6.1.1. 2) Code national de prévention des incendies 5.6.1.10. 1)
Standing Committee(s):	

Process

2025-05-07 — Received

Update 1312

Updated Document Number As Submitted By Issuing Agency (English)

CSA B149.1-15:25

Updated Document Number (Current Version) (English)

CSA B149.1-15:25

Updated Document Number As Submitted By Issuing Agency (French)

CSA B149.1-15:F25

Updated Document Number (Current Version) (French)

CSA B149.1-15:F25

Updated Document Title As Submitted By Issuing Agency (English)

Natural gas and propane installation code

Updated Document Title (Current Version) (English)

Natural gas and propane installation code

Updated Document Title As Submitted By Issuing Agency (French)

Code d'installation du gaz naturel et du propane

Updated Document Title (Current Version) (French)

Code d'installation du gaz naturel et du propane

Significant Changes

The major changes from the previous edition include the following:
a) updated Code Scope inclusions to clarify the threshold for propane systems between CSA B149.1 and CSA B149.2 [Clause 1.1 b)];
b) corrected terminology to vehicle-fuelling appliance to align with other CSA standards [Clause 1.1 c)];
c) clarified exclusion of vehicle-refuelling stations as defined by CSA B108.1 [Clause 1.2 g)];
d) added hydrogen-natural gas blends to the list of gases included in this Code (Clause 1.3) and added reference to hydrogen-natural gas blends to applicable clauses (Clauses 4.5.4, 4.24.1, 5.5.1.4, 6.2.3.1, 6.2.3.2, 6.3.2 to 6.3.5, 6.3.8.1, and 6.9.6 and Tables 5.3 and 6.1);
e) updated or added the following definitions:
i) updated definition of high pressure regulator to industrial regulator (Clause 3);
ii) updated definition of line pressure regulator (Clause 3);
iii) added definition for manual shut-off valve (Clause 3); and
iv) added definition for vent limiter and sub-definition limiting orifice type (Clause 3);
f) added reference to CSA B149.3 for field-approved appliances and equipment installation (Clause 4.1.4);
g) added reference to CSA B149.6 for biogas use (Clause 4.2.4);
h) updated rating plate requirements to show maximum percentage of hydrogen for blends with natural gas (Clause 4.5.4);
i) updated bonding requirements to align with the Canadian Electrical Code, Part I (Clauses 4.7.3, 4.7.4, and 4.7.5);
j) hydrogen-natural gas blends as a fuel gas to be odourized or monitored by a detection system (Clause 4.24.1);
k) restructured Clause 5 as follows:
i) consolidated exemptions for outdoor gas vent terminations accounting for vent limiters, indoor ventilated spaces;
ii) clarified overpressure protection devices used with certified line pressure regulators must be factory pre-assembled and shipped as a unit with the regulator; and
iii) added the ability to use industrial regulators when flows/pressures are outside the scope of certified line pressure regulators, and must be interlocked with a high/low gas pressure device that serves the same appliance;
l) updated clearances for gas vent terminations (Table 5.3), now based on relief capacity and aligned with CSA Z662:23 (Annex D);
m) prohibited the use of hoses certified to CSA 8.3 for liquid propane systems (Clause 6.2.12);
n) updated requirements to permit the use of press-connect fittings certified to CSA/ANSI LC 4/CSA 6.32 for piping of NPS 2-1/2 to 4 (Clause 6.9.2);
o) prohibited the use of tape as a sealant for pipe sizes larger than NPS 1-1/2 for hydrogen-natural gas blends (Clause 6.9.6);
p) added minimum separation requirements between the gas system and the electrical system sharing a common trench (Clause 6.15.15);
q) added sleeve requirements for piping or tubing that passes through an exterior wall (Clauses 6.16.9 and 6.16.10);
r) added requirements for a manual shutoff valve and signage for underground propane storage tanks (Clause 6.18.10);
s) clarified leakage test requirements and allowable leakage rates (Clauses 6.22.2, 6.22.3, and 6.22.4 and Annex K);
t) added requirements for monitoring by a combustible gas indicator during purging (Clauses 6.23.4 and 6.23.7);
u) stationary engine generator assemblies must be certified to ANSI/CAN UL/ULC 2200 (Clause 7.2.4.1);
v) aligned venting requirements for engine or turbine fuel trains with other appliances (Clause 7.2.4.4);
w) flexible foil noncombustible ducts on commercial-type clothes dryers must be certified to UL 2158A (Clause 7.4.3);
x) permitted approved engineering designs for the installation of direct-fired makeup air heaters where food preparation

areas are interconnected to areas frequented by the public (Clauses 7.20.14 and 7.21.13);
y) added the ability to install recirculating direct gas-fired industrial air heaters and amended requirements accordingly (Clause 7.21);
z) added method for safe interlocking of an appliance to exhaust fans (Clause 7.21.9);
aa) added requirements for overpressure protection for engine venting systems (Clause 8.32);
ab) clarified RFA and VFA requirements (Clause 10);
ac) updated customer's meter and service regulator installations based on the latest edition of CSA Z662 (Annex D);
ad) removed informative annex for pressure regulators and overpressure protection devices;
ae) added informative annex for allowable leakage of gas appliance valve train components (Annex K); and
af) added informative annex for special considerations for industrial occupancy (Annex O).

Rationale/Justification

Revised to contain updated requirements to reflect industry changes, current technologies and clarification of requirements.

Impact Assessment

The changes provide additional information over the 2020 edition and provides clarity for increased compliance.

Update to B149.2-15 — Propane storage and handling code

Update No.:	1313
Date of Update:	2025-05-07
Updated By:	
Issuing Agency:	Canadian Standards Association
Status (English):	Updated
Publication Date (English):	2025-02-21
Status (French):	Updated
Publication Date (French):	2025-02-21
Referenced in (English):	National Fire Code 3.1.1.4.(2) National Fire Code 3.2.8.2.(3) National Fire Code 4.6.1.1.(2)
Referenced in (French):	Code national de prévention des incendies 3.1.1.4. 2) Code national de prévention des incendies 3.2.8.2. 3) Code national de prévention des incendies 4.6.1.1. 2)
Standing Committee(s):	

Process

2025-05-07 — Received

Update 1313

Updated Document Number As Submitted By Issuing Agency (English)

CSA B149.2-~~15~~:25

Updated Document Number (Current Version) (English)

CSA B149.2-~~15~~:25

Updated Document Number As Submitted By Issuing Agency (French)

CSA B149.2-~~15~~:F25

Updated Document Number (Current Version) (French)

CSA B149.2-~~15~~:F25

Updated Document Title As Submitted By Issuing Agency (English)

Propane storage and handling code

Updated Document Title (Current Version) (English)

Propane storage and handling code

Updated Document Title As Submitted By Issuing Agency (French)

Code sur le stockage et la manipulation du propane

Updated Document Title (Current Version) (French)

Code sur le stockage et la manipulation du propane

Significant Changes

The major changes to this edition include the following:
a) updated Code scope exclusions to clarify the threshold between CSA B149.1 and this Code [Clause 1.2 k)];
b) added new non-refillable container categories 2P1, 2P2, and 2Q2 (Clauses 3, 5.2.3, 6.1.1, 6.1.4, 6.5.1.3and O.1.4);
c) added requirements for self-service vehicle fuel dispensers (Clauses 3 and 7.20.14.1);
d) clarified that underground tanks are either buried or mounded (Clause 3);
e) clarified hazardous location zone terminology (Clauses 4.10.2, 4.10.3, and 8.5.2 and Table 7.6);
f) added requirements for vehicles equipped with propane appliances in repair garages (Clause 5.12.7);
g) updated cylinder storage clearances (Table 6.3);
h) added requirements for cylinders below grade at construction sites (Clause 6.5.3.9);
i) updated requirements for a line of adjoining property to be consistent with other clauses (Clauses 6.5.2.4 and 7.14.2);
j) clarified the separation requirements between cylinders and adjacent tanks (Clause 6.7.8);
k) clarified requirements for interconnected tanks in liquid service (Clause 7.1.10);
l) updated exceptions for a shut-off valve or other device installed between a relief valve and a tank (Clause 7.2.4);
m) clarified installation requirements for underground tanks (Clause 7.8.1);
n) added compounds complying to UL 1746 as a suitable outer surface tank coating (Clause 7.8.4);
o) clarified requirements for location of consumer tanks (Clause 7.10);
p) clarified requirements for buildings containing a vaporizer (Clauses 7.17.3 and 9.1.4);
q) added reference to UL 567 for breakaway quick-closing couplings (Clause 7.20.9); and
r) clarified only vehicle fuel dispensers used for custody fuel transfers shall be listed to UL 495 or certified to CSA 12.4 (Clause 7.20.13).

Rationale/Justification

Revised to contain updated requirements to reflect industry changes, current technologies and clarification of requirements.

Impact Assessment

The changes provide additional information over the 2020 edition and provides clarity for increased compliance.

Update to C282-15 — Emergency electrical power supply for buildings

Update No.:	1293
Date of Update:	2025-01-23
Updated By:	
Issuing Agency:	Canadian Standards Association
Status (English):	Updated
Publication Date (English):	2024-12-20
Status (French):	Updated
Publication Date (French):	2024-12-20
Referenced in (English):	National Building Code 3.2.7.5.(1) National Fire Code 6.5.1.1.(1) National Fire Code 6.5.1.4.(1) National Fire Code A-6.5.1.1.(2)
Referenced in (French):	Code national du bâtiment 3.2.7.5. 1) Code national de prévention des incendies 6.5.1.1. 1) Code national de prévention des incendies 6.5.1.4. 1) Code national de prévention des incendies A-6.5.1.1. 2)
Standing Committee(s):	

Process

2025-01-27 — Received

Update 1293

Updated Document Number As Submitted By Issuing Agency (English)

CSA C282~~-15~~:24

Updated Document Number (Current Version) (English)

CSA C282~~-15~~:24

Updated Document Number As Submitted By Issuing Agency (French)

CSA C282~~-15~~:24

Updated Document Number (Current Version) (French)

CSA C282~~-15~~:24

Updated Document Title As Submitted By Issuing Agency (English)

Emergency electrical power supply for buildings

Updated Document Title (Current Version) (English)

Emergency electrical power supply for buildings

Updated Document Title As Submitted By Issuing Agency (French)

Alimentation électrique de secours des bâtiments

Updated Document Title (Current Version) (French)

Alimentation électrique de secours des bâtiments

Significant Changes

The following are the major changes to this edition:
a) titles added to all numbered clauses;
b) various English terminology changed to avoid confusion with the French translation version of this Standard;
c) new defined term Automatic load management system added, Continuous power (COP) and Prime power (PRP) definitions removed, Maximum site design load definition clarified, and new defined term Maximum generator set design load added (Clause 3);
d) prime power rating (PRP) no longer required for HCF Class A or B, additional annual hours of operation rating added to the standby power rating (ESP) when used in HCF Class A or B (Clause 6.1.1.2);
e) location requirements clarified to add flood considerations (Clause 6.2.1);
f) new clause added requiring an automatic load management system be used with multiple generator installations (Clause 6.9.2);
g) off-site fuel supply notwithstanding clause clarified to avoid confusion in regard to HCF Class A or B installations (Clause 7.3.3);
h) monitoring requirements added for disconnecting means that are connected upstream of the single lockable overcurrent device, when not in the closed position (Clause 8.7.6);
i) new clause added requiring surge protection for ATS control circuits (Clause 9.6);
j) testing requirements added for automatic load management systems (Clause 10.3.6 and Table 5);
k) notes designations in Table 1 changed from letters to numbers to align with the note designations below the table (Table 1);
l) minimum load required for monthly testing corrected back to 30% (Table 3);
m) diesel fuel treatment and testing requirements for annual maintenance clarified (Table 5);
n) additional commentary added in Annex B regarding flood elevation (Clause B.5);
o) additional commentary added in Annex B regarding automatic load management systems (Clauses B.9, B.10, and B.26);
p) additional commentary added in Annex B regarding renewable diesel (Clause B.13);
q) additional commentary added in Annex B regarding diesel fuel maintenance (Clause B.30); and
r) new informative clause added in Annex E for non-life safety applications regarding transfer schemes (Clause E.4).

Rationale/Justification

Revised to contain updated requirements to reflect industry changes, current technologies and clarification of requirements.

Impact Assessment

The changes provide additional information over the 2019 edition and provides clarity for increased compliance.

Update to O141:05 — Softwood Lumber

Update No.:	1278
Date of Update:	2024-12-10
Updated By:	
Issuing Agency:	Canadian Standards Association Updated
Status:	2023-05-01
Publication Date:	National Building Code Table 5.9.1.1.
Referenced in:	National Building Code 9.3.2.6.(1) National Building Code A-9.3.2.1.(1) National Building Code D-2.3.6. National Building Code D-2.4.1. Code national du bâtiment Tableau 5.9.1.1. Code national du bâtiment 9.3.2.6. 1) Code national du bâtiment A-9.3.2.1. 1) Code national du bâtiment D-2.3.6. Code national du bâtiment D-2.4.1.

Standing Committee(s):

Process

2024-12-12 — Received

Update 1278

Updated Document Number As Submitted By Issuing Agency

O141:~~05~~23

Updated Document Number (Current Version)

O141:~~05~~23

Updated Document Title As Submitted By Issuing Agency

~~Softwood~~Canadian Standard Lumber

Updated Document Title (Current Version)

~~Softwood~~Canadian Standard Lumber

Significant Changes

The major change in this edition is that this Standard no longer applies to only Canadian-manufactured lumber. It now also applies to all manufactured lumber imported into and exported out of Canada. This Standard is intended to be consistent with NIST PS 20, American Softwood Lumber Standard, and ensures the Canadian and American grade marking systems are interchangeable. It does so by

a) establishing standard sizes and requirements for development and coordination of the lumber grades of the various species;

b) defining industry terms and procedures to provide a basis for the use of uniform methods in the grading, inspection, measurement, and description of softwood lumber;

c) providing commercial names of the principal Canadian-grown species and species combinations, as well as definitions of terms used in describing standard grades of lumber and commonly used industry abbreviations; and

d) providing for the implementation of the Standard through an accreditation and certification program to assure uniform industry-wide marking and inspection.

In addition, this Standard specifies the organization, structure, and functions of the Canadian Lumber Standards Accreditation Board (CLSAB), which oversees the certification programs of Canadian standard lumber. This Standard also specifies that the CLSAB approves the grading rules for Canadian standard lumber. The National Lumber Grades Authority (NLGA) has established and maintains the approved grading rules.

Rationale/Justification

The major change in this edition is that this Standard no longer applies to only Canadian-manufactured lumber. It now also applies to all manufactured lumber imported into and exported out of Canada.

Impact Assessment

No cost impact anticipated.

Update to O177-06 — Qualification Code for Manufacturers of Structural Glued-Laminated Timber

Update No.:	1279
Date of Update:	2024-12-10
Updated By:	
Issuing Agency:	Canadian Standards Association
Status (English):	Updated
Publication Date (English):	2023-05-01
Status (French):	Updated
Publication Date (French):	2023-05-01
Referenced in (English):	National Building Code 4.3.1.2.(1) National Building Code Table 9.23.4.2.-K National Building Code Table 9.23.12.3.-D
Referenced in (French):	Code national du bâtiment 4.3.1.2. 1) Code national du bâtiment Tableau 9.23.4.2.-K Code national du bâtiment Tableau 9.23.12.3.-D
Standing Committee(s):	

Process

2024-12-12 — Received

Update 1279

Updated Document Number As Submitted By Issuing Agency (English)

O177-~~06~~23

Updated Document Number (Current Version) (English)

O177-~~06~~23

Updated Document Number As Submitted By Issuing Agency (French)

O177-~~06~~23

Updated Document Number (Current Version) (French)

O177-~~06~~23

Updated Document Title As Submitted By Issuing Agency (English)

Qualification Code for Manufacturers of Structural Glued-Laminated Timber

Updated Document Title (Current Version) (English)

Qualification Code for Manufacturers of Structural Glued-Laminated Timber

Updated Document Title As Submitted By Issuing Agency (French)

Règles de qualification des fabricants de bois de charpente lamellé-collé

Updated Document Title (Current Version) (French)

Règles de qualification des fabricants de bois de charpente lamellé-collé

Significant Changes

The following are the major changes to this edition:

a) Qualification procedures for block-glued and re-glued Glulam have been added to Annex B.

b) The process and requirements for qualifying adhesives have been revised.

c) Clause A.3 has been significantly modified, with the requirement of a full-scale column test eliminated and the test protocols modified to harmonize more closely with U.S. requirements.

d) A non-mandatory commentary (see Annex H) has been added to the Standard to provide historical background and rationale for the changes made within the Standard. Additionally, the commentary provides background and technical support for those using the revised Annex A.3.

Rationale/Justification

See above.

Impact Assessment

No cost impact anticipated.

Update to 2017 Edition — HRAI Digest

Update No.:	1348
Date of Update:	2026-02-25
Updated By:	
Issuing Agency:	Heating, Refrigeration and Air Conditioning Institute of Canada
Status:	Updated
Publication Date:	2025-11-25
Referenced in:	National Building Code 6.2.1.1.(1) National Building Code 9.32.2.3.(4) National Building Code 9.32.3.2.(1) National Building Code 9.33.4.1.(1) National Building Code A-9.36.3.2.(1) National Building Code A-9.36.3.2.(2) National Building Code A-9.36.3.4.(1) Code national du bâtiment 6.2.1.1. 1) Code national du bâtiment 9.32.2.3. 4) Code national du bâtiment 9.32.3.2. 1) Code national du bâtiment 9.33.4.1. 1) Code national du bâtiment A-9.36.3.2. 1) Code national du bâtiment A-9.36.3.2. 2) Code national du bâtiment A-9.36.3.4. 1) National Energy Code for Buildings 1.1.4.2.(1) National Energy Code for Buildings A-5.2.1.1.(1) Code national de l’énergie pour les bâtiments 1.1.4.2. 1) Code national de l’énergie pour les bâtiments A-5.2.1.1. 1)
National Model Codes Committee(s):	

Process

2026-03-03 — Received

Update 1348

Updated Document Number As Submitted By Issuing Agency

2017 Edition

Updated Document Number (Current Version)

~~2017~~2025 Edition

Updated Document Title As Submitted By Issuing Agency

HRAI Digest

Updated Document Title (Current Version)

HRAI Digest

Significant Changes

The 2017 HRAI Digest (Volumes 1 & 2) has been replaced by the HRAI Digest 2025, which consists of a series of discipline-specific technical manuals aligned with current codes and standards, including CSA F326:23 (2023 Edition)

and NBC 2020 Section 9.32.

Key changes include:

Elimination of the consolidated digest format in favour of standalone, procedure-based manuals.

Direct alignment of ventilation design guidance with CSA F326:23, including updated ventilation air requirements, pressure control provisions, verification procedures, and compliance documentation.

Expanded and clarified depressurization limits, imbalance calculations, and combustion appliance interaction requirements reflecting CSA F326:23 updates.

Improved design worksheets and calculation methodologies consistent with current CSA and NBC provisions.

Clear separation of residential and small commercial design processes.

Enhanced commissioning and verification procedures to support enforceable compliance.

The updated structure replaces high-level summary guidance with detailed, step-by-step design, calculation, and verification procedures.

Rationale/Justification

The revised publication framework ensures direct alignment with CSA F326:23 and NBC 2020 Section 9.32, reduces ambiguity in ventilation and depressurization calculations, and strengthens compliance defensibility. By separating content into focused manuals, the updated structure improves clarity, usability, and consistency with modern building code enforcement practices.

Update to 14-2013 — Installation of Standpipe and Hose Systems

Update No.:	669
Date of Update:	2019-07-09
Updated By:	
Issuing Agency:	National Fire Protection Association
Status:	Updated
Publication Date:	2018-11-25
Referenced in:	National Building Code 3.2.5.9.(1) National Building Code 3.2.5.10.(1) Code national du bâtiment 3.2.5.9. 1) Code national du bâtiment 3.2.5.10. 1)
Standing Committee(s):	FP

Process

2019-07-10 — Received

2019-07-10 — Sorted

Update 669

Updated Document Number As Submitted By Issuing Agency

14-~~2013~~2019

Updated Document Number (Current Version)

14-~~2013~~2019

Updated Document Title As Submitted By Issuing Agency

Standard for the Installation of Standpipe and Hose Systems

Updated Document Title (Current Version)

Standard for the Installation of Standpipe and Hose Systems

Significant Changes

Terminology has been made consistent throughout the document by changing the terms outlet(s) and hose outlet(s) to hose connection(s).

Chapter 3, definitions for terms 'hose connection' and 'hose valve' have been revised to clarify what is meant by each term as used in the document. Definitions and requirements for distance monitoring and automated inspection and testing is added because technology now allows for monitoring of certain conditions as well as inspecting and testing standpipe systems from a remote location. Definition for open parking garage has been added along with a requirement that permits manual standpipes in open parking garages under a certain height.

Chapter 6, signage for pressure requirements is no longer required when the pressure is 150 psi or less, as NFPA 13E requires a standard pressure of 150 psi unless a sign indicates more pressure is required. The maximum pressure permitted at any point in the system has been increased from 350 psi to 400 psi.

Chapter 7, Subsection 7.8.1 revised to delineate clarify that the required pressure is to be calculated at the outlet of the

hose valve. The hydraulic calculation procedures are revised to clarify that additional standpipes should be calculated at the point of connection rather than at the topmost outlet. Subsection 7.11.2 has been revised to delineate between a standpipe system main drain and individual standpipe drains. Revisions have been made to the required number of fire department connections due to the ease with which a single connection can be compromised.

Chapter 13 (NEW), adds provisions for maritime standpipe and hose systems.

Rationale/Justification

In the 2019 edition, the terminology has been made consistent throughout the document by changing the terms outlet(s) and hose outlet(s) to hose connection(s), as this is the more appropriate term. The definitions for the terms hose connection and hose valve also have been revised to clarify what is meant by each term as used in the document. Definitions and requirements for distance monitoring and automated inspection and testing have been added because technology now allows for monitoring of certain conditions as well as inspecting and testing standpipe systems from a remote location. A definition for open parking garage has been added along with a requirement that permits manual standpipes in open parking garages under a certain height. The signage for pressure requirements is no longer required when the pressure is 150 psi or less, as NFPA 13E requires a standard pressure of 150 psi unless a sign indicates more pressure is required. The maximum pressure permitted at any point in the system has been increased from 350 psi to 400 psi. Subsection 7.8.1 has been revised to clarify that the required pressure is to be calculated at the outlet of the hose valve. The hydraulic calculation procedures have been revised to clarify that additional standpipes should be calculated at the point of connection rather than at the topmost outlet. Subsection 7.11.2 has been revised to delineate between a standpipe system main drain and individual standpipe drains. Revisions have been made to the required number of fire department connections due to the ease with which a single connection can be compromised. A new Chapter 13 on maritime standpipe and hose systems has been added.

Impact Assessment

Due to the number of changes there may be incremental costs incurred by architects, engineers, sprinkler trades people and inspection and enforcement agencies in training and updating them on the contents of this version of the standard.

Update to 34-2018 — Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids

Update No.:	790
Date of Update:	2021-02-23
Updated By:	
Issuing Agency:	National Fire Protection Association
Status:	Updated
Publication Date:	2020-08-25
Referenced in:	National Building Code A-6.9.1.2.(1) Code national du bâtiment A-6.9.1.2. 1) National Fire Code 5.4.6.2.(1) Code national de prévention des incendies 5.4.6.2. 1)
Standing Committee(s):	HP, HMA, FP

Process

2021-03-09 — Received

2021-03-09 — Sorted

Update 790

Updated Document Number As Submitted By Issuing Agency

34-~~2018~~2021

Updated Document Number (Current Version)

34-~~2018~~2021

Updated Document Title As Submitted By Issuing Agency

Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids

Updated Document Title (Current Version)

Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids

Significant Changes

The following revisions have been made to the 2021 edition:

(1) Standard revised to align with 2021 edition of NFPA 30, and 2020 edition of NFPA 70. “Class I” has been removed from references to “Class I, Zone 0,” “Class I, Zone 1,” and “Class I, Zone 2” to match requirements in NFPA 70. The term ignitible has been added to references of flammable or combustible liquids in alignment with NFPA 30.

(2) Ch. 4 - Requirements for limited-combustible materials has been expanded to include an additional option to meet these requirements based on heat release rates.

(3) Ch. 8 - Definitions for flash point and ignitible liquid have been extracted from NFPA 30. These terms are found in new language added to this chapter.

Rationale/Justification

The following revisions have been made to the 2021 edition:

(1) The standard has been revised to align with the 2021 edition of NFPA 30 and the 2020 edition of NFPA 70. “Class I” has been removed from references to “Class I, Zone 0,” “Class I, Zone 1,” and “Class I, Zone 2” to match requirements in NFPA 70, and the term ignitible has been added to references of flammable or combustible liquids in alignment with NFPA 30.

(2) Definitions for flash point and ignitible liquid have been extracted from NFPA 30. These terms are found in new language added to Chapter 8.

(3) The requirements for limited-combustible materials in Chapter 4 have been expanded to include an additional option to meet these requirements based on heat release rates.

Impact Assessment

This standard promotes industrial fire safety by providing safeguards to mitigate fire and explosion hazards of dipping, coating, and printing processes that use flammable or combustible liquids.

As per the NFC, the design, operation and maintenance requirements relating to spray coating processes shall conform to this standard.

This standard is referred to in both the NFC and as annex material for the NBC and based on changes to this version there may be some financial or other impacts. Prior to adoption of this version a review of this standard is recommended.

Update to 61-2017 — Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities

Update No.:	735
Date of Update:	2020-03-26
Updated By:	
Issuing Agency:	National Fire Protection Association
Status:	Updated
Publication Date:	2019-11-24
Referenced in:	National Building Code A-6.9.1.2.(1) Code national du bâtiment A-6.9.1.2. 1) National Fire Code A-5.3.1.3.(2) Code national de prévention des incendies A-5.3.1.3. 2)
Standing Committee(s):	HMA, HP

Process

2020-07-06 — Received

2020-07-06 — Sorted

Update 735

Updated Document Number As Submitted By Issuing Agency

61-~~2017~~2020

Updated Document Number (Current Version)

61-~~2017~~2020

Updated Document Title As Submitted By Issuing Agency

Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities

Updated Document Title (Current Version)

Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities

Significant Changes

Changes made to align organization of NFPA 61 with NFPA 652 where possible.
Chapter 7, Deadline for completing a Dust Hazard Analysis (DHA) for existing processes and facility compartments is specified as January 1, 2022.
Chapter 9 - Surface resistivity requirements for conveyor belts, lag belts, and lagging have been revised. New statement added to exclude air-material separators with a dirty side volume of less than 0.2 m3 (8 ft3) from explosion protection requirements.
New sections on spray dryer systems, mixers and blenders, and work activities that present an ignition source.
Chapter 8 - Management of change revised to clarify requirements to be addressed versus what is recommended.
Annex material - Added information about methods to complete a DHA; determining filtering efficiency of dust collectors; and protection methods for bins, silos, and tunnels where explosion venting is not practical. Table on agricultural dust test data updated and expanded to include additional dusts, and example checklist for completing a DHA replaced with more detailed, comprehensive example.

Rationale/Justification

In the 2020 edition, additional changes have been made to align the organization of NFPA 61 with NFPA 652 where possible, and the deadline for completing a dust hazard analysis (DHA) for existing processes and facility compartments has been specified as January 1, 2022. Surface resistivity requirements for conveyor belts, lag belts, and lagging have been revised, and a new statement has been added to exclude air-material separators with a dirty side volume of less than 0.2 m3 (8 ft3) from explosion protection requirements. This edition contains new sections on spray dryer systems, mixers and blenders, and work activities that present an ignition source. The section on management of change has been revised to clarify what is required to be addressed versus what is recommended. Annex material has been added to provide information about the methods that can be used to complete a DHA; determining filtering efficiency of dust collectors; and protection methods for bins, silos, and tunnels where explosion venting is not practical. The table on agricultural dust test data has been updated and expanded to include additional dusts, and the example checklist for completing a DHA has been replaced with a more detailed, comprehensive example.

Impact Assessment

This is Annex material for the NBC, CNB, NFC, and CNPI and is therefore for reference and guidance purposes.
With regard to impacts a review by SME's is recommended before adoption considerations.

Update to 91-2015 — Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids

Update No.:	738
Date of Update:	2020-03-27
Updated By:	
Issuing Agency:	National Fire Protection Association
Status:	Updated
Publication Date:	2019-11-24
Referenced in:	National Building Code 6.3.4.3.(1) National Building Code A-6.9.1.2.(1) Code national du bâtiment 6.3.4.3. 1) Code national du bâtiment A-6.9.1.2. 1) National Fire Code 3.2.2.3.(5) National Fire Code 4.1.7.2.(5) National Fire Code A-5.3.1.3.(2) Code national de prévention des incendies 3.2.2.3. 5) Code national de prévention des incendies 4.1.7.2. 5) Code national de prévention des incendies A-5.3.1.3. 2)
Standing Committee(s):	HMA, HP

Process

2020-07-06 — Received

2020-07-06 — Sorted

Update 738

Updated Document Number As Submitted By Issuing Agency

91-~~2015~~2020

Updated Document Number (Current Version)

91-~~2015~~2020

Updated Document Title As Submitted By Issuing Agency

Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and **Noncombustible** Particulate Solids

Updated Document Title (Current Version)

Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and **Noncombustible** Particulate Solids

Significant Changes

Chapter 4 - Revision to the concentration threshold for flammable or combustible materials requiring spark-resistant fans and blowers.
Chapter 8 - includes requirements for nonconductive system components

Rationale/Justification

The 2020 edition includes requirements for nonconductive system components and a revision to the concentration

threshold for flammable or combustible materials requiring spark-resistant fans and blowers.

Impact Assessment

There may be impacts due to incremental costs incurred with adopting this version of the standard. A review by SME's is recommended prior to accepting this updated versioning/or the associated Annex materials.

Update to 664-2017 — Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities

Update No.:	736
Date of Update:	2020-03-26
Updated By:	
Issuing Agency:	National Fire Protection Association
Status:	Updated
Publication Date:	2019-11-24
Referenced in:	National Building Code A-6.9.1.2.(1) Code national du bâtiment A-6.9.1.2. 1) National Fire Code 5.3.2.1.(1) National Fire Code A-5.3.1.3.(2) Code national de prévention des incendies 5.3.2.1. 1) Code national de prévention des incendies A-5.3.1.3. 2)
Standing Committee(s):	HMA, HP

Process

2020-07-06 — Received

2020-07-06 — Sorted

Update 736

Updated Document Number As Submitted By Issuing Agency

664-~~2017~~2020

Updated Document Number (Current Version)

664-~~2017~~2020

Updated Document Title As Submitted By Issuing Agency

Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities

Updated Document Title (Current Version)

Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities

Significant Changes

Alignment between NFPA 664 with NFPA 652.
All chapters reorganized to match layout of NFPA 652.
Chapter 3 - Definitions for deflagrable wood dust and dry nondeflagrable wood dust revised with requirements for assessing hazards based on particle size and moisture content.
Chapter 4 - Conducting documented risk assessment added as a compliance option, requirements for damage-limiting construction revised to refer to resources where a complete treatment is specified. Chapter 9 - Surface temperature requirements now depend on the dust surface ignition temperature or the dust-cloud ignition temperature of the material present, rather than having one maximum temperature for all processes.
Chapter 8 - and Annex - A Revisions to requirements for blowdown align with NFPA 652 and Occupational Safety and Health Administration (OSHA) requirements for personnel safety.

Rationale/Justification

The 2020 edition continues the work to align NFPA 664 with NFPA 652. All of the chapters have been reorganized to match the layout of NFPA 652. The definitions for deflagrable wood dust and dry nondeflagrable wood dust were revised along with the requirements for assessing hazards based on particle size and moisture content. Conducting a documented risk assessment has been added to the standard as a compliance option, and requirements for damage-limiting construction have been revised to refer to resources where a complete treatment is specified. Surface temperature requirements now depend on the dust surface ignition temperature or the dust-cloud ignition temperature of the material present, rather than having one maximum temperature for all processes. A revision to requirements for blowdown align with NFPA 652 and Occupational Safety and Health Administration (OSHA) requirements for personnel safety.

Impact Assessment

This standard may have an impact both financially and operationally specifically with regard to requirements of a documented risk assessment and requirements for damage-limiting construction and should therefore undergo a review by SME's before observance and/or adoption considerations.

Update to 100-2010 — Procedure for Determining Fenestration Product U-factors

Update No.:	1262
Date of Update:	2024-07-09
Updated By:	
Issuing Agency:	National Fenestration Rating Council
Status:	Updated
Publication Date:	2024-01-31
Referenced in:	National Building Code 9.36.2.2.(3) Code national du bâtiment 9.36.2.2. 3) National Energy Code for Buildings 3.1.1.5.(3) Code national de l'énergie pour les bâtiments 3.1.1.5. 3)
Standing Committee(s):	

Process

2024-07-09 — Received

Update 1262

Updated Document Number As Submitted By Issuing Agency

100-~~2010~~2023

Updated Document Number (Current Version)

100-~~2010~~2023

Updated Document Title As Submitted By Issuing Agency

Procedure for Determining Fenestration Product U-factors

Updated Document Title (Current Version)

Procedure for Determining Fenestration Product U-factors

Significant Changes

The entire document was updated for new simulation methods, new software releases, updated product sizes, making the change from the Condensation Resistance (CR) rating to the Condensation Index (CI) rating, and new products that can be rated such as blinds between the glass and other shade types.

Rationale/Justification

The most critical changes were to simulation methods and software updates, door product model sizes, the addition of attachments to the products that can be rated, and the change from Condensation Resistance to Condensation Index. These changes make the ratings more accurate, include additional products, bring the door sizes more in line with what is actually used, and improve the calculation and usage of a condensation rating for predictions of condensation on products.

Impact Assessment

There is no incremental cost to the practitioner based on these changes. Code enforcement remains the same through labeling of products.

Update to 200-2010 — Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence

Update No.:	1263
Date of Update:	2024-07-09
Updated By:	
Issuing Agency:	National Fenestration Rating Council
Status:	Updated
Publication Date:	2024-01-31
Referenced in:	National Building Code 9.36.2.2.(3) Code national du bâtiment 9.36.2.2. 3)
Standing Committee(s):	

Process

2024-07-09 — Received

Update 1263

Updated Document Number As Submitted By Issuing Agency

200-~~2010~~2023

Updated Document Number (Current Version)

200-~~2010~~2023

Updated Document Title As Submitted By Issuing Agency

Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence

Updated Document Title (Current Version)

Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence

Significant Changes

The entire document has been updated to reflect new simulation methodologies, software updates, addition of new products able to be rated, and to incorporate interpretations made since the last version listed.

Rationale/Justification

Critical changes were made to the simulation methods. These changes allowed for linear analysis and calculation of the solar heat gain coefficient and visible transmittance. New attachment products were added to the scope. The changes also updated the methods to reflect best practices as determined through interpretations of the document made over the years.

Impact Assessment

There is no incremental cost to practitioners using the document. Code compliance remains the same through labeling of whole products.

Update to CAN/ULC-S102.2:2018 — Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies

Update No.:	1264
Date of Update:	2024-07-09
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2024-06-03
Status (French):	Updated
Publication Date (French):	2024-06-03
Referenced in (English):	National Building Code 3.1.12.1.(2) National Building Code 3.1.13.4.(1) National Building Code 9.27.12.1.(4) National Building Code 9.27.13.1.(2) National Building Code D-1.1.1. National Building Code D-3.1.1.
Referenced in (French):	Code national du bâtiment 3.1.12.1. 2) Code national du bâtiment 3.1.13.4. 1) Code national du bâtiment 9.27.12.1. 4) Code national du bâtiment 9.27.13.1. 2) Code national du bâtiment D-1.1.1. Code national du bâtiment D-3.1.1.
Standing Committee(s):	

Process

2024-07-10 — Received

Update 1264

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S102~~ 102.2:~~2018~~18 (R2024)

Updated Document Number (Current Version) (English)

CAN/ULC-~~S102~~ 102.2:~~2018~~18 (R2024)

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S102~~ 102.2:~~2018~~18 (R2024)

Updated Document Number (Current Version) (French)

CAN/ULC-~~S102~~ 102.2:~~2018~~18 (R2024)

Updated Document Title As Submitted By Issuing Agency (English)

Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies

Updated Document Title (Current Version) (English)

Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies

Updated Document Title As Submitted By Issuing Agency (French)

Méthode d'essai normalisée caractéristiques de combustion superficielle des revêtements de sol et des divers matériaux et assemblages

Updated Document Title (Current Version) (French)

Méthode d'essai normalisée caractéristiques de combustion superficielle des revêtements de sol et des divers matériaux et assemblages

Significant Changes

Reaffirmation and continuance of the 8th Edition of the Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies, ULC S102.2, as a Canadian National Standard.

Rationale/Justification

UL Standards & Engagement is proposing to reaffirm the Standards Council of Canada (SCC) approval of CAN-ULC S102.2. The status of SCC approval is required to be updated by a positive, consensus reaffirmation of the standard by the TC if the standard has not been otherwise updated in the consensus process in the preceding five years.

Update to CAN/ULC-S104-15 — Standard Method for Fire Tests of Door Assemblies

Update No.:	1325
Date of Update:	2025-08-15
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-08-15
Status (French):	Updated
Publication Date (French):	2025-08-15
Referenced in (English):	National Building Code 3.1.8.4.(1) National Building Code 3.2.6.5.(3)
Referenced in (French):	Code national du bâtiment 3.1.8.4. 1) Code national du bâtiment 3.2.6.5. 3)
Standing Committee(s):	

Process

2025-08-18 — Received

Update 1325

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S104-15~~ 104:2015 (2025)

Updated Document Number (Current Version) (English)

CAN/ULC-~~S104-15~~ 104:2015 (2025)

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S104-15~~ 104:2015 (2025)

Updated Document Number (Current Version) (French)

CAN/ULC-~~S104-15~~ 104:2015 (2025)

Updated Document Title As Submitted By Issuing Agency (English)

Standard Method for Fire Tests of Door Assemblies

Updated Document Title (Current Version) (English)

Standard Method for Fire Tests of Door Assemblies

Updated Document Title As Submitted By Issuing Agency (French)

Méthode normalisée des essais de résistance au feu des portes

Updated Document Title (Current Version) (French)

Méthode normalisée des essais de résistance au feu des portes

Significant Changes

The requirements of the existing standard have been reaffirmed and no technical changes have been made.

Rationale/Justification

During review, stakeholders did not identify any needed changes to the technical requirements and this Fourth Edition National Standard of Canada has been reaffirmed effective August 15, 2025.

Update to CAN/ULC-S106-15 — Standard Method for Fire Tests of Window and Glass Block Assemblies

Update No.:	1326
Date of Update:	2025-08-15
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-08-15
Status (French):	Updated
Publication Date (French):	2025-08-15
Referenced in (English):	National Building Code 3.1.8.4.(1)
Referenced in (French):	Code national du bâtiment 3.1.8.4. 1)
Standing Committee(s):	

Process

2025-08-18 — Received

Update 1326

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S106-15~~ 106:2015 (2025)

Updated Document Number (Current Version) (English)

CAN/ULC-~~S106-15~~ 106:2015 (2025)

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S106-15~~ 106:2015 (2025)

Updated Document Number (Current Version) (French)

CAN/ULC-~~S106-15~~ 106:2015 (2025)

Updated Document Title As Submitted By Issuing Agency (English)

Standard Method for Fire Tests of Window and Glass Block Assemblies

Updated Document Title (Current Version) (English)

Standard Method for Fire Tests of Window and Glass Block Assemblies

Updated Document Title As Submitted By Issuing Agency (French)

Méthode normalisée des essais de comportement au feu des fenêtres et des briques de verre

Updated Document Title (Current Version) (French)

Méthode normalisée des essais de comportement au feu des fenêtres et des briques de verre

Significant Changes

The requirements of the existing standard have been reaffirmed and no technical changes have been made.

Rationale/Justification

During review, stakeholders did not identify any needed changes to the technical requirements and this Third Edition National Standard of Canada has been reaffirmed effective August 15, 2025.

Update to CAN/ULC-S107:2019 — Standard Methods of Fire Tests of Roof Coverings

Update No.:	1269
Date of Update:	2024-08-14
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2024-07-22
Status (French):	Updated
Publication Date (French):	2024-07-22
Referenced in (English):	National Building Code 3.1.15.1.(1)
Referenced in (French):	Code national du bâtiment 3.1.15.1. 1)
Standing Committee(s):	

Process

2024-08-20 — Received

Update 1269

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S107~~ 107:2019 (R2024)

Updated Document Number (Current Version) (English)

CAN/ULC-~~S107~~ 107:2019 (R2024)

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S107~~ 107:2019 (R2024)

Updated Document Number (Current Version) (French)

CAN/ULC-~~S107~~ 107:2019 (R2024)

Updated Document Title As Submitted By Issuing Agency (English)

Standard Methods of Fire Tests of Roof Coverings

Updated Document Title (Current Version) (English)

Standard Methods of Fire Tests of Roof Coverings

Updated Document Title As Submitted By Issuing Agency (French)

Méthodes normalisées d'essai de résistance au feu des matériaux de couverture

Updated Document Title (Current Version) (French)

Méthodes normalisées d'essai de résistance au feu des matériaux de couverture

Significant Changes

Reaffirmation and continuance of the 4th Edition of the Standard Methods of Fire Tests of Roof Coverings, CAN/ULC 107, as a Canadian National Standard.

Rationale/Justification

UL Standards & Engagement is proposing to reaffirm the Standards Council of Canada (SCC) approval of CAN/ULC 107. The status of SCC approval is required to be updated by a positive, consensus reaffirmation of the standard by the TC if the standard has not been otherwise updated in the consensus process in the preceding five years.

Update to CAN/ULC-S112.1-10 — Standard for Leakage Rated Dampers for Use in Smoke Control Systems

Update No.:	1331
Date of Update:	2025-12-23
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-12-22
Status (French):	Updated
Publication Date (French):	2025-12-22
Referenced in (English):	National Building Code 3.1.8.4.(3) National Building Code 6.3.2.7.(3)
Referenced in (French):	Code national du bâtiment 3.1.8.4. 3) Code national du bâtiment 6.3.2.7. 3)
Standing Committee(s):	

Process

2026-01-02 — Received

Update 1331

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S112~~ 112.1-~~10~~:2025

Updated Document Number (Current Version) (English)

CAN/ULC-~~S112~~ 112.1-~~10~~:2025

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S112~~ 112.1-~~10~~:2025

Updated Document Number (Current Version) (French)

CAN/ULC-~~S112~~ 112.1-~~10~~:2025

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Leakage Rated Dampers for Use in Smoke Control Systems

Updated Document Title (Current Version) (English)

Standard for Leakage Rated Dampers for Use in Smoke Control Systems

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les registres étanches pour systèmes de désenfumage

Updated Document Title (Current Version) (French)

Norme sur les registres étanches pour systèmes de désenfumage

Significant Changes

Reference to NFPA 90A, Standard for Installation of Air-Conditioning and Ventilating Systems, removed in Sleeves requirements section, 6.4. The glossary term 'COMBINATION FIRE AND SMOKE DAMPER' was updated so as not to contain a requirement, as per SDO style. The style and format of Referenced Publications, Section 2, was also updated.

Rationale/Justification

The National Building Code of Canada does not reference NFPA 90A so it is proposed to be removed from this standard; however, sleeve thickness should be required by this section. A logical place to find minimum sleeve thickness is in the manufacturer's literature.
The glossary term 'COMBINATION FIRE AND SMOKE DAMPER' was originally written as a requirement and in direct conflict with SDO style. Term was re-written so as not to contain a requirement but rather a definition.

Update to CAN/ULC-S112-10 — Standard Method of Fire Test of Fire Damper Assemblies

Update No.:	1330
Date of Update:	2025-12-23
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-12-22
Status (French):	Updated
Publication Date (French):	2025-12-22
Referenced in (English):	National Building Code 3.1.8.4.(1) National Building Code A-3.2.6.6.(1)
Referenced in (French):	Code national du bâtiment 3.1.8.4. 1) Code national du bâtiment A-3.2.6.6. 1)
Standing Committee(s):	

Process

2026-01-02 — Received

Update 1330

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S112-10~~ 112:2025

Updated Document Number (Current Version) (English)

CAN/ULC-~~S112-10~~ 112:2025

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S112-10~~ 112:2025

Updated Document Number (Current Version) (French)

CAN/ULC-~~S112-10~~ 112:2025

Updated Document Title As Submitted By Issuing Agency (English)

Standard Method of Fire Test of Fire Damper Assemblies

Updated Document Title (Current Version) (English)

Standard Method of Fire Test of Fire Damper Assemblies

Updated Document Title As Submitted By Issuing Agency (French)

Méthode d'essai normalisée de résistance au feu des registres coupe-feu

Updated Document Title (Current Version) (French)

Méthode d'essai normalisée de résistance au feu des registres coupe-feu

Significant Changes

Reference to NFPA 90A, Standard for Installation of Air-Conditioning and Ventilating Systems, removed in Sleeves requirements section, 6.4. The style and format of Referenced Publications, Section 2, was also updated.

Rationale/Justification

The National Building Code of Canada does not reference NFPA 90A so it is proposed to be removed from this standard; however, sleeve thickness should be required by this section. A logical place to find minimum sleeve thickness is in the manufacturer's literature.

Update to CAN/ULC-S126-14 — Standard Method of Test for Fire Spread Under Roof-Deck Assemblies

Update No.:	1265
Date of Update:	2024-07-09
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2024-06-21
Status (French):	Updated
Publication Date (French):	2024-06-21
Referenced in (English):	National Building Code 3.1.14.1.(1) National Building Code 3.1.14.2.(1)
Referenced in (French):	Code national du bâtiment 3.1.14.1. 1) Code national du bâtiment 3.1.14.2. 1)
Standing Committee(s):	

Process

2024-07-10 — Received

Update 1265

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S126-14~~ **126:2014 (R2024)**

Updated Document Number (Current Version) (English)

CAN/ULC-~~S126-14~~ **126:2014 (R2024)**

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S126-14~~ **126:2014 (R2024)**

Updated Document Number (Current Version) (French)

CAN/ULC-~~S126-14~~ **126:2014 (R2024)**

Updated Document Title As Submitted By Issuing Agency (English)

Standard Method of Test for Fire Spread Under Roof-Deck Assemblies

Updated Document Title (Current Version) (English)

Standard Method of Test for Fire Spread Under Roof-Deck Assemblies

Updated Document Title As Submitted By Issuing Agency (French)

Méthode normalisée d'essai sur la propagation des flammes sous les platelages de toits

Updated Document Title (Current Version) (French)

Méthode normalisée d'essai sur la propagation des flammes sous les platelages de toits

Significant Changes

Reaffirmation and continuance of the 3rd Edition of the Standard method of test for fire spread under roof-deck assemblies, ULC S126, as a Canadian National Standard.

Rationale/Justification

UL Standards & Engagement is proposing to reaffirm the Standards Council of Canada (SCC) approval of CAN-ULC S126. The status of SCC approval is required to be updated by a positive, consensus reaffirmation of the standard by the TC if the standard has not been otherwise updated in the consensus process in the preceding five years.

Update to CAN/ULC-S139:2017 — Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables

Update No.:	1319
Date of Update:	2025-07-07
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-06-26
Status (French):	Updated
Publication Date (French):	2025-06-26
Referenced in (English):	National Building Code 3.2.6.5.(6) National Building Code 3.2.7.10.(2) National Building Code 3.2.7.10.(3)
Referenced in (French):	Code national du bâtiment 3.2.6.5. 6) Code national du bâtiment 3.2.7.10. 2) Code national du bâtiment 3.2.7.10. 3)
Standing Committee(s):	

Process

2025-07-07 — Received

Update 1319

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S139~~ 139:~~2017~~2025

Updated Document Number (Current Version) (English)

CAN/ULC-~~S139~~ 139:~~2017~~2025

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S139~~ 139:~~2017~~2025

Updated Document Number (Current Version) (French)

CAN/ULC-~~S139~~ 139:~~2017~~2025

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables

Updated Document Title (Current Version) (English)

Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables

Updated Document Title As Submitted By Issuing Agency (French)

Normes sur l'essai de résistance au feu pour l'évaluation de l'intégrité des circuits des câbles d'alimentation, de l'instrumentation, des contrôles et de données

Updated Document Title (Current Version) (French)

Normes sur l'essai de résistance au feu pour l'évaluation de l'intégrité des circuits des câbles d'alimentation, de l'instrumentation, des contrôles et de données

Significant Changes

Additional requirements were added for the testing of data/communications cables. An additional annex for the testing of coaxial cables for distributed antenna systems was also added. The Bit Error Rate Test for Data Cables was also removed to provide greater usability of the standard.

Rationale/Justification

These requirement changes were made to keep the standard up to date with current technology and practice.

Update to CAN/ULC-S143-14 — Standard Method of Fire Tests for Non-Metallic Electrical and Optical Fibre Cable Raceway Systems

Update No.:	1266
Date of Update:	2024-07-09
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2024-06-21
Status (French):	Updated
Publication Date (French):	2024-06-21
Referenced in (English):	National Building Code 3.1.5.23.(1)
Referenced in (French):	Code national du bâtiment 3.1.5.23. 1)
Standing Committee(s):	

Process

2024-07-10 — Received

Update 1266

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S143-14~~ 143:2014 (R2024)

Updated Document Number (Current Version) (English)

CAN/ULC-~~S143-14~~ 143:2014 (R2024)

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S143-14~~ 143:2014 (R2024)

Updated Document Number (Current Version) (French)

CAN/ULC-~~S143-14~~ 143:2014 (R2024)

Updated Document Title As Submitted By Issuing Agency (English)

Standard Method of Fire Tests for Non-Metallic Electrical and Optical Fibre Cable Raceway Systems

Updated Document Title (Current Version) (English)

Standard Method of Fire Tests for Non-Metallic Electrical and Optical Fibre Cable Raceway Systems

Updated Document Title As Submitted By Issuing Agency (French)

Méthode d'essai normalisée de comportement au feu des systèmes de canalisation non métalliques pour câbles électriques et à fibres optiques

Updated Document Title (Current Version) (French)

Méthode d'essai normalisée de comportement au feu des systèmes de canalisation non métalliques pour câbles électriques et à fibres optiques

Significant Changes

Reaffirmation and continuance of the 2nd Edition of the Standard method of fire tests for non-metallic electrical and optical fibre cable raceway systems, ULC S143, as a Canadian National Standard.

Rationale/Justification

UL Standards & Engagement is proposing to reaffirm the Standards Council of Canada (SCC) approval of CAN-ULC S143. The status of SCC approval is required to be updated by a positive, consensus reaffirmation of the standard by the TC if the standard has not been otherwise updated in the consensus process in the preceding five years.

Update to CAN/ULC-S503-05 — Standard for Carbon-Dioxide Fire Extinguishers

Update No.:	1296
Date of Update:	2025-03-07
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-02-05
Status (French):	Updated
Publication Date (French):	2025-02-05
Referenced in (English):	National Fire Code 2.1.5.1.(4)
Referenced in (French):	Code national de prévention des incendies 2.1.5.1. 4)
Standing Committee(s):	

Process

2025-03-10 — Received

Update 1296

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC 503-~~S503-05~~25

Updated Document Number (Current Version) (English)

CAN/ULC 503-~~S503-05~~25

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC 503-~~S503-05~~25

Updated Document Number (Current Version) (French)

CAN/ULC 503-~~S503-05~~25

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Carbon-Dioxide Fire Extinguishers

Updated Document Title (Current Version) (English)

Standard for Carbon-Dioxide Fire Extinguishers

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les extincteurs au dioxyde de carbone

Updated Document Title (Current Version) (French)

Norme sur les extincteurs au dioxyde de carbone

Significant Changes

This revision to CAN/ULC 503 dated February 5, 2025 includes the revisions to salt spray corrosion test, 39.1 – 39.1C, 39.3, and 39.5.

Rationale/Justification

This proposal is intended to provide improved definition and clarity to salt spray corrosion testing required under ULC S503 and related portable extinguisher standards. It should not compromise the safety, functionality, or performance of an extinguisher.

Unlike suppression systems, portables are subjected to repeated corrosion testing using randomly selected production samples. The intent of this testing is understandable. However, in practice, the requirement of zero defects is challenging at best in a manufacturing environment. Other corrosion standards, such as MIL-A-8625F, have taken a more pragmatic approach and permit a defined level of defects.

Proposed changes include sample evaluation methods, decorative coatings/plating, aluminum components, porous surfaces/ imperfections and pre-approved components.

Lastly, in order not to conflict with Standard Practice for Operating Salt Spray (Fog) Apparatus, ASTM B117, the fog chamber dimensions were removed.

It is further recommended an update to the Standard for Factory Follow-Up on Third Party Certified Portable Fire Extinguishers, UL 1803, be considered at a later date.

Update to CAN/ULC-S503-05 — Standard for Carbon-Dioxide Fire Extinguishers

Update No.:	1338
Date of Update:	2026-02-16
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-10-21
Status (French):	Updated
Publication Date (French):	2025-10-21
Referenced in (English):	National Fire Code 2.1.5.1.(4)
Referenced in (French):	Code national de prévention des incendies 2.1.5.1. 4)
Standing Committee(s):	

Process

2026-02-16 — Received

Update 1338

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC 503-~~S503-05~~2025A

Updated Document Number (Current Version) (English)

CAN/ULC 503-~~S503-05~~2025A

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC 503-~~S503-05~~2025A

Updated Document Number (Current Version) (French)

CAN/ULC 503-~~S503-05~~2025A

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Carbon-Dioxide Fire Extinguishers

Updated Document Title (Current Version) (English)

Standard for Carbon-Dioxide Fire Extinguishers

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les extincteurs au dioxyde de carbone

Updated Document Title (Current Version) (French)

Norme sur les extincteurs au dioxyde de carbone

Significant Changes

This new Fifth Edition to CAN/ULC 503 dated October 21, 2025 incorporates editorial changes including renumbering and reformatting to align with current style, as well as the following changes in requirements:

– Revisions to Manual Section; 56.1, 56.2

Rationale/Justification

The Instructional (i.e., Owners) Manual contains condensed operating instructions and cautions necessary to address extinguisher model installation, operation and inspection objectives. In more simple terms, the Instructional Manual identifies activities the extinguisher owner can do/perform. Per the scope of this standard, service-related functions are to be performed in accordance with NFPA 10, Standard for Portable Fire Extinguishers. To address various compliance, safety and liability issues the statement pertaining to “request and availability” needs to be removed. Manufactures (i.e., Product) Service Manual are only intended for use by trained, certified and qualified personnel to safely properly perform equipment service-related functions that include product maintenance, recharge and testing per NFPA 10.

Update to CAN/ULC-S504-12 — Standard for Dry Chemical Fire Extinguishers

Update No.:	1294
Date of Update:	2025-01-24
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2024-12-18
Status (French):	Updated
Publication Date (French):	2024-12-18
Referenced in (English):	National Fire Code 2.1.5.1.(4)
Referenced in (French):	Code national de prévention des incendies 2.1.5.1. 4)
Standing Committee(s):	

Process

2025-01-27 — Received

Update 1294

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC 504-~~S504-12~~24

Updated Document Number (Current Version) (English)

CAN/ULC 504-~~S504-12~~24

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC 504-~~S504-12~~24

Updated Document Number (Current Version) (French)

CAN/ULC 504-~~S504-12~~24

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Dry Chemical Fire Extinguishers

Updated Document Title (Current Version) (English)

Standard for Dry Chemical Fire Extinguishers

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les extincteurs à poudres chimiques

Updated Document Title (Current Version) (French)

Norme sur les extincteurs à poudres chimiques

Significant Changes

This New Fourth Edition of CAN/ULC 504 dated December 18, 2024, incorporates editorial changes including renumbering and reformatting to align with current style, including the revisions to salt spray corrosion test, 46.1 – 46.5

and 46.7.

Rationale/Justification

This proposal is intended to provide improved definition and clarity to salt spray corrosion testing required under ULC 504 and related portable extinguisher standards. It should not compromise the safety, functionality, or performance of an extinguisher.

Unlike suppression systems, portables are subjected to repeated corrosion testing using randomly selected production samples. The intent of this testing is understandable. However, in practice, the requirement of zero defects is challenging at best in a manufacturing environment. Other corrosion standards, such as MIL-A-8625F, have taken a more pragmatic approach and permit a defined level of defects.

Proposed changes include sample evaluation methods, decorative coatings/plating, aluminum components, porous surfaces/ imperfections and pre-approved components.

Lastly, in order not to conflict with Standard Practice for Operating Salt Spray (Fog) Apparatus, ASTM B117, the fog chamber dimensions were removed.

Update to CAN/ULC-S504-12 — Standard for Dry Chemical Fire Extinguishers

Update No.:	1339
Date of Update:	2026-02-16
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-08-27
Status (French):	Updated
Publication Date (French):	2025-08-27
Referenced in (English):	National Fire Code 2.1.5.1.(4)
Referenced in (French):	Code national de prévention des incendies 2.1.5.1. 4)
Standing Committee(s):	

Process

2026-02-16 — Received

Update 1339

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC 504-~~S504-12~~2025

Updated Document Number (Current Version) (English)

CAN/ULC 504-~~S504-12~~2025

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC 504-~~S504-12~~2025

Updated Document Number (Current Version) (French)

CAN/ULC 504-~~S504-12~~2025

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Dry Chemical Fire Extinguishers

Updated Document Title (Current Version) (English)

Standard for Dry Chemical Fire Extinguishers

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les extincteurs à poudres chimiques

Updated Document Title (Current Version) (French)

Norme sur les extincteurs à poudres chimiques

Significant Changes

This revision of CAN/ULC 504 dated August 27, 2025 includes the revisions to Manual Section; 74.1, 74.2 (deleted), 74.3.

Rationale/Justification

The Instructional (i.e., Owners) Manual contains condensed operating instructions and cautions necessary to address extinguisher model installation, operation and inspection objectives. In more simple terms, the Instructional Manual identifies activities the extinguisher owner can do/perform. Per the scope of this standard, service-related functions are to be performed in accordance with NFPA 10, Standard for Portable Fire Extinguishers. To address various compliance, safety and liability issues the statement pertaining to “request and availability” needs to be removed. Manufactures (i.e., Product) Service Manual are only intended for use by trained, certified and qualified personnel to safely properly perform equipment service-related functions that include product maintenance, recharge and testing per NFPA 10.

Update to CAN/ULC-S507-05 — Standard for Water Fire Extinguishers

Update No.:	1300
Date of Update:	2025-03-30
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-02-20
Status (French):	Updated
Publication Date (French):	2025-02-20
Referenced in (English):	National Fire Code 2.1.5.1.(4)
Referenced in (French):	Code national de prévention des incendies 2.1.5.1. 4)
Standing Committee(s):	

Process

2025-03-31 — Received

Update 1300

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC 507-~~S507-05~~2025

Updated Document Number (Current Version) (English)

CAN/ULC 507-~~S507-05~~2025

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC 507-~~S507-05~~2025

Updated Document Number (Current Version) (French)

CAN/ULC 507-~~S507-05~~2025

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Water Fire Extinguishers

Updated Document Title (Current Version) (English)

Standard for Water Fire Extinguishers

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les extincteurs à eau

Updated Document Title (Current Version) (French)

Norme sur les extincteurs à eau

Significant Changes

This revision of CAN/ULC 507 dated February 20, 2025 includes the revisions to salt spray corrosion test, 41.1 – 41.1C, 41.3, and 41.5.

Rationale/Justification

This proposal is intended to provide improved definition and clarity to salt spray corrosion testing required under ULC S507 and related portable extinguisher standards. It should not compromise the safety, functionality, or performance of an extinguisher.

Unlike suppression systems, portables are subjected to repeated corrosion testing using randomly selected production samples. The intent of this testing is understandable. However, in practice, the requirement of zero defects is challenging at best in a manufacturing environment. Other corrosion standards, such as MIL-A-8625F, have taken a more pragmatic approach and permit a defined level of defects.

Proposed changes include sample evaluation methods, decorative coatings/plating, aluminum components, porous surfaces/ imperfections and pre-approved components.

Lastly, in order not to conflict with the Standard Practice for Operating Salt Spray (Fog) Apparatus, ASTM B117, the fog chamber dimensions were removed.

It is further recommended an update to the Standard for Factory Follow-Up on Third Party Certified Portable Fire Extinguishers, UL 1803, be considered at a later date.

Update to CAN/ULC-S507-05 — Standard for Water Fire Extinguishers

Update No.:	1340
Date of Update:	2026-02-16
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-11-25
Status (French):	Updated
Publication Date (French):	2025-11-25
Referenced in (English):	National Fire Code 2.1.5.1.(4)
Referenced in (French):	Code national de prévention des incendies 2.1.5.1. 4)
Standing Committee(s):	

Process

2026-02-16 — Received

Update 1340

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC~~-S507-05~~ 507:2025A

Updated Document Number (Current Version) (English)

CAN/ULC~~-S507-05~~ 507:2025A

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC~~-S507-05~~ 507:2025A

Updated Document Number (Current Version) (French)

CAN/ULC~~-S507-05~~ 507:2025A

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Water Fire Extinguishers

Updated Document Title (Current Version) (English)

Standard for Water Fire Extinguishers

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les extincteurs à eau

Updated Document Title (Current Version) (French)

Norme sur les extincteurs à eau

Significant Changes

This new Fifth edition to CAN/ULC 507 dated November 25, 2025 incorporates editorial changes including renumbering and reformatting to align with current style, as well as the following changes in requirements:

– Revisions to Manual Section: 70.1 and 70.2

Rationale/Justification

The Instructional (i.e., Owners) Manual contains condensed operating instructions and cautions necessary to address extinguisher model installation, operation and inspection objectives. In more simple terms, the Instructional Manual identifies activities the extinguisher owner can do/perform. Per the scope of this standard, service-related functions are to be performed in accordance with NFPA 10, Standard for Portable Fire Extinguishers. To address various compliance, safety and liability issues the statement pertaining to “request and availability” needs to be removed. Manufactures (i.e., Product) Service Manual are only intended for use by trained, certified and qualified personnel to safely properly perform equipment service-related functions that include product maintenance, recharge and testing per NFPA 10.

Update to CAN/ULC-S507-05 — Standard for Water Fire Extinguishers

Update No.:	1350
Date of Update:	2026-03-16
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2026-02-12
Status (French):	Updated
Publication Date (French):	2026-02-12
Referenced in (English):	National Fire Code 2.1.5.1.(4)
Referenced in (French):	Code national de prévention des incendies 2.1.5.1. 4)
Standing Committee(s):	

Process

2026-03-19 — Received

Update 1350

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC- ~~S507-05~~ 507:2026

Updated Document Number (Current Version) (English)

CAN/ULC- ~~S507-05~~ 507:2026

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC- ~~S507-05~~ 507:2026

Updated Document Number (Current Version) (French)

CAN/ULC- ~~S507-05~~ 507:2026

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Water Fire Extinguishers

Updated Document Title (Current Version) (English)

Standard for Water Fire Extinguishers

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les extincteurs à eau

Updated Document Title (Current Version) (French)

Norme sur les extincteurs à eau

Significant Changes

This revision of CAN/ULC 507 dated February 12, 2026 incorporates the following changes:
– Packing and shipping requirements: 23.1, Section 59 (deleted), Section 59A

– Updated Annex A in French version of standard to include English markings

Rationale/Justification

On March 13, 2025, a Formal Interpretation ballot was opened for ULC 507 concerning clarification regarding the existing fire extinguisher packaging language requirements that did not address detrimental temperature exposure conditions occurring to packaged products during transportation and storage conditions. The ballot resulted in recirculation, where consensus was maintained. The Formal Interpretation to request new language be added in standard for clarification reached consensus by the Technical Committee. A joint TC 605/S500A meeting was held on June 6, 2025 to further discuss the Formal Interpretation results and to address the gaps in the standard. The following proposal was submitted based on the feedback received and revised during the meeting.

For Style Manual purposes, the existing Section 60 was deleted and new Section 60A was created to include new text (Proposed 60A.1). Proposed 60A.2 – 64A.5 did not have any technical changes – they were moved and renumbered from Section 60.

Update to CAN/ULC-S531:2019 — Standard for Smoke Alarms

Update No.:	1280
Date of Update:	2024-12-11
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2024-11-27
Status (French):	Updated
Publication Date (French):	2024-11-27
Referenced in (English):	National Building Code 3.2.4.20.(2) National Building Code 9.10.19.1.(1) National Fire Code 2.1.3.3.(1)
Referenced in (French):	Code national du bâtiment 3.2.4.20. 2) Code national du bâtiment 9.10.19.1. 1) Code national de prévention des incendies 2.1.3.3. 1)
Standing Committee(s):	

Process

2024-12-12 — Received

Update 1280

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-S531:~~2019~~2024

Updated Document Number (Current Version) (English)

CAN/ULC-S531:~~2019~~2024

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-S531:~~2019~~2024

Updated Document Number (Current Version) (French)

CAN/ULC-S531:~~2019~~2024

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Smoke Alarms

Updated Document Title (Current Version) (English)

Standard for Smoke Alarms

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les avertisseurs de fumée

Updated Document Title (Current Version) (French)

Norme sur les avertisseurs de fumée

Significant Changes

The revisions to the 5th Edition of the Standard for Smoke Alarms, ULC-531, include the following changes:

a) Polyurethane Foam and Cooking Nuisance Test Requirements;

b) Nuisance Sensor Clarifications

c) Non-Compulsory Fire and Smoldering Smoke Tests

- Fire Test Clarifications for Canada and the United States (Removal of the Canadian Fire and Smoke Sensitivity Test)

- Audibility and Sound Output Measurement updates for Canada and the United States

Rationale/Justification

This is a UL/ULC Binational Standard, and the requirements contained in ULC-531 are identical to the 10th Edition of UL 217, Standard for Smoke Alarms, used in the United States. There are some requirements that are unique to one country or the other and these have been identified as country-specific:

a) Polyurethane Foam and Cooking Nuisance Requirements – These requirements, currently in UL 268/ULC-S529, Smoke Detectors for Fire Alarm Systems and recently updated in the ninth edition of UL 217, are being introduced for Canada.

b) Nuisance Sensor Clarifications – An omission to the requirements for multi-criteria smoke alarms that incorporate a sensor solely used for the identification of nuisance conditions (e.g., humidity) was incorporated into the ninth edition of UL 217. This proposal clarified that alarms incorporating nuisance sensors must pass the fire and smoldering smoke tests while in their “nuisance rejection” mode.

The change added a definition for “nuisance sensor.” It also creates the expectation that the nuisance sensor has established sensitivity limits (like fire-related sensors) and must be able to withstand the performance tests in the standard.

These requirements have also been incorporated for use in Canada.

c) Fire Test Clarifications – Incorporation of Canadian-specific fire tests (including fire test room specifics), which include minor updates to test procedures. Additional language clarifications to align any current Canadian test procedures with those of the United States. Updates are also included to correlate with applicable changes implemented for the Binational Standard for Smoke Detectors for Fire Alarm Systems, UL 268/ULC-S529.

d) Non-Compulsory Fire and Smoldering Smoke Tests – Incorporation of the requirements in section 78 regarding maximum sensitivity change (currently in UL 217 ninth edition) for Canada.

e) Audibility and Sound Output Measurement requirements for Canada and the United States – These requirements have been reviewed, updated, and clarified for this edition.

f) Specific Requirements for Canada – The incorporation of applicable requirements for Canada, which are currently in the fourth edition of ULC-S531 and were originally proposed for the binational ninth edition of UL 217.

Update to CAN/ULC-S531:2019 — Standard for Smoke Alarms

Update No.:	1332
Date of Update:	2026-01-16
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2026-01-14
Status (French):	Updated
Publication Date (French):	2026-01-14
Referenced in (English):	National Building Code 3.2.4.20.(2) National Building Code 9.10.19.1.(1) National Fire Code 2.1.3.3.(1)
Referenced in (French):	Code national du bâtiment 3.2.4.20. 2) Code national du bâtiment 9.10.19.1. 1) Code national de prévention des incendies 2.1.3.3. 1)
Standing Committee(s):	

Process

2026-01-16 — Received

Update 1332

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S531~~ 531:~~2019~~2026

Updated Document Number (Current Version) (English)

CAN/ULC-~~S531~~ 531:~~2019~~2026

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S531~~ 531:~~2019~~2026

Updated Document Number (Current Version) (French)

CAN/ULC-~~S531~~ 531:~~2019~~2026

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Smoke Alarms

Updated Document Title (Current Version) (English)

Standard for Smoke Alarms

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les avertisseurs de fumée

Updated Document Title (Current Version) (French)

Norme sur les avertisseurs de fumée

Significant Changes

The revisions to the 5th Edition of the Standard for Smoke Alarms, CAN/ULC 531, include:

1. Correcting Inconsistent Measurements

2. Commercial Vehicle Cabin Inclusion

3. Smoke Alarm Shipment

Rationale/Justification

1. During the work on harmonizing UL 2075 and ULC 588, the NEMA THC discovered that the exact measurements used for perforated sheet metal in the Ventilating openings sections of many initiating device standards are inconsistent. This proposal will align those measurements with UL 2075/ULC 588 and UL 268/ULC 529.

2. Some proposals were unintentionally excluded from the 10th Edition of UL 217. Therefore, these topics are being re-balloted to ensure clarity and transparency for both committees.

3. UL 217 section 97 now conflicts with NFPA 72 and newer portions of UL 217. Manufacturers that choose to activate the end-of-life signal 10-years from the date of manufacture must be allowed to physically connect the battery.

Update to CAN/ULC-S536:2019 — Standard for Inspection and Testing of Fire Alarm Systems

Update No.:	1268
Date of Update:	2024-08-05
Updated By:	
Issuing Agency:	UL Solutions in Canada (formerly ULC Standards)
Status (English):	Updated
Publication Date (English):	2024-08-05
Status (French):	Updated
Publication Date (French):	2024-08-05
Referenced in (English):	National Fire Code 6.3.1.2.(1)
Referenced in (French):	Code national de prévention des incendies 6.3.1.2. 1)
National Model Codes Committee(s):	

Process

2024-08-06 — Received

Update 1268

Updated Document Number As Submitted By Issuing Agency (English)
CAN/ULC-S536:2019

Updated Document Number (Current Version) (English)
CAN/ULC-~~S536~~ 536:~~2019~~2024

Updated Document Number As Submitted By Issuing Agency (French)
CAN/ULC-S536:2019

Updated Document Number (Current Version) (French)
CAN/ULC-~~S536~~ 536:~~2019~~2024

Updated Document Title As Submitted By Issuing Agency (English)
Standard for Inspection and Testing of Fire Alarm Systems

Updated Document Title (Current Version) (English)
Standard for Inspection and Testing of Fire Alarm Systems

Updated Document Title As Submitted By Issuing Agency (French)
Norme sur l’inspection et la mise à l'essai des systèmes d'alarme incendie

Updated Document Title (Current Version) (French)
Norme sur l’inspection et la mise à l'essai des systèmes d'alarme incendie

Significant Changes

This revision of CAN/ULC 536, dated August 5, 2024, includes Data Communication Link Testing:
- Updated definition for the term Deficiency (3.29)
- Specific uses of the term Deficiency in 20, Annual Fire Alarm System Test and Inspection Record (20.2.1)
- Addition of a table for Data Communication Link Testing in 22, Control Unit or Transponder Test Record (22.12)

Rationale/Justification

The Technical Committee identified issues with CAN/ULC-S536 and submitted proposal for consideration and adoption as per what is indicated in the Significant Changes.

Update to CAN/ULC-S554:2016 — Standard for Water Based Agent Fire Extinguishers

Update No.:	1307
Date of Update:	2025-04-01
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-01-28
Status (French):	Updated
Publication Date (French):	2025-01-28
Referenced in (English):	National Fire Code 2.1.5.1.(4)
Referenced in (French):	Code national de prévention des incendies 2.1.5.1. 4)
Standing Committee(s):	

Process

2025-04-01 — Received

Update 1307

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S554~~ 554:~~2016~~2025

Updated Document Number (Current Version) (English)

CAN/ULC-~~S554~~ 554:~~2016~~2025

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S554~~ 554:~~2016~~2025

Updated Document Number (Current Version) (French)

CAN/ULC-~~S554~~ 554:~~2016~~2025

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Water Based Agent Fire Extinguishers

Updated Document Title (Current Version) (English)

Standard for Water Based Agent Fire Extinguishers

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les extincteurs à agent à base d'eau

Updated Document Title (Current Version) (French)

Norme sur les extincteurs à agent à base d'eau

Significant Changes

This revision of CAN/ULC 554 dated January 28, 2025 includes the revisions to salt spray corrosion test, 46.1 – 46.1C, 46.3, and 46.5.

Rationale/Justification

This proposal is intended to provide improved definition and clarity to salt spray corrosion testing required under ULC S554 and related portable extinguisher standards. It should not compromise the safety, functionality, or performance of an extinguisher.

Unlike suppression systems, portables are subjected to repeated corrosion testing using randomly selected production samples. The intent of this testing is understandable. However, in practice, the requirement of zero defects is challenging at best in a manufacturing environment. Other corrosion standards, such as MIL-A-8625F, have taken a more pragmatic approach and permit a defined level of defects.

Proposed changes include sample evaluation methods, decorative coatings/plating, aluminum components, porous surfaces/ imperfections and pre-approved components.

Lastly, in order not to conflict with the Standard Practice for Operating Salt Spray (Fog) Apparatus, ASTM B117, the fog chamber dimensions were removed.

It is further recommended an update to the Standard for Factory Follow-Up on Third Party Certified Portable Fire Extinguishers, UL 1803, be considered at a later date.

Update to CAN/ULC-S554:2016 — Standard for Water Based Agent Fire Extinguishers

Update No.:	1342
Date of Update:	2026-02-16
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-08-27
Status (French):	Updated
Publication Date (French):	2025-08-27
Referenced in (English):	National Fire Code 2.1.5.1.(4)
Referenced in (French):	Code national de prévention des incendies 2.1.5.1. 4)
Standing Committee(s):	

Process

2026-02-16 — Received

Update 1342

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S554~~ 554:~~2016~~2025A

Updated Document Number (Current Version) (English)

CAN/ULC-~~S554~~ 554:~~2016~~2025A

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S554~~ 554:~~2016~~2025A

Updated Document Number (Current Version) (French)

CAN/ULC-~~S554~~ 554:~~2016~~2025A

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Water Based Agent Fire Extinguishers

Updated Document Title (Current Version) (English)

Standard for Water Based Agent Fire Extinguishers

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les extincteurs à agent à base d~~'~~'eau

Updated Document Title (Current Version) (French)

Norme sur les extincteurs à agent à base d~~'~~'eau

Significant Changes

This revision of CAN/ULC 554 dated August 27, 2025 includes the revisions to Manual Section; 75.1, 75.2 (deleted), 75.3.

Rationale/Justification

The Instructional (i.e., Owners) Manual contains condensed operating instructions and cautions necessary to address extinguisher model installation, operation and inspection objectives. In more simple terms, the Instructional Manual identifies activities the extinguisher owner can do/perform. Per the scope of this standard, service-related functions are to be performed in accordance with NFPA 10, Standard for Portable Fire Extinguishers. To address various compliance, safety and liability issues the statement pertaining to “request and availability” needs to be removed. Manufactures (i.e., Product) Service Manual are only intended for use by trained, certified and qualified personnel to safely properly perform equipment service-related functions that include product maintenance, recharge and testing per NFPA 10.

Update to CAN/ULC-S554:2016 — Standard for Water Based Agent Fire Extinguishers

Update No.:	1343
Date of Update:	2026-02-16
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2026-01-29
Status (French):	Updated
Publication Date (French):	2026-01-29
Referenced in (English):	National Fire Code 2.1.5.1.(4)
Referenced in (French):	Code national de prévention des incendies 2.1.5.1. 4)
Standing Committee(s):	

Process

2026-02-16 — Received

Update 1343

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S554~~ 554:~~2016~~2026

Updated Document Number (Current Version) (English)

CAN/ULC-~~S554~~ 554:~~2016~~2026

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S554~~ 554:~~2016~~2026

Updated Document Number (Current Version) (French)

CAN/ULC-~~S554~~ 554:~~2016~~2026

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Water Based Agent Fire Extinguishers

Updated Document Title (Current Version) (English)

Standard for Water Based Agent Fire Extinguishers

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les extincteurs à agent à base d~~'~~eau

Updated Document Title (Current Version) (French)

Norme sur les extincteurs à agent à base d~~'~~eau

Significant Changes

This revision of CAN/ULC 554 dated January 29, 2026 includes revisions to packing and shipping requirements; Section 64 (deleted), Section 64A (new), and Annex B.

Rationale/Justification

On March 13, 2025, a Formal Interpretation ballot was opened for UL 8 concerning clarification regarding the existing fire extinguisher packaging language requirements that did not address detrimental temperature exposure conditions occurring to packaged products during transportation and storage conditions. The ballot resulted in recirculation, where consensus was maintained. The Formal Interpretation to request new language be added in standard for clarification reached consensus by the Technical Committee. A joint TC 605/S500A meeting was held on June 6, 2025 to further discuss the
Formal Interpretation results and to address the gaps in the standard. The following proposal was submitted based on the feedback received and revised during the meeting.

For Style Manual purposes, the existing Section 64 was deleted and new Section 64A was created to include new and revised text (Proposed 64A.1 and 64A.5). Proposed 64A.2 – 64A.4 and 64A.6 did not have any technical changes – they were moved and renumbered from Section 64.

Update to CAN/ULC-S561-13 — Standard for Installation and Services for Fire Signal Receiving Centres and Systems

Update No.:	1267
Date of Update:	2024-07-24
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2024-07-22
Status (French):	Updated
Publication Date (French):	2024-07-22
Referenced in (English):	National Building Code 3.2.4.7.(4) National Building Code A-3.2.4.7.(4) National Fire Code 6.3.1.3.(1) National Fire Code A-6.3.1.3.(1)
Referenced in (French):	Code national du bâtiment 3.2.4.7. 4) Code national du bâtiment A-3.2.4.7. 4) Code national de prévention des incendies 6.3.1.3. 1) Code national de prévention des incendies A-6.3.1.3. 1)
Standing Committee(s):	

Process

2024-07-24 — Received

Update 1267

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S561-13~~ 561:2024

Updated Document Number (Current Version) (English)

CAN/ULC-~~S561-13~~ 561:2024

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S561-13~~ 561:2024

Updated Document Number (Current Version) (French)

CAN/ULC-~~S561-13~~ 561:2024

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Installation and Services for Fire Signal Receiving Centres and Systems

Updated Document Title (Current Version) (English)

Standard for Installation and Services for Fire Signal Receiving Centres and Systems

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur l'installation et les services – Systèmes et centrales de réception d'alarme incendie

Updated Document Title (Current Version) (French)

Norme sur l'installation et les services – Systèmes et centrales de réception d'alarme incendie

Significant Changes

The revisions to the Third Edition of the Standard for Installation and Services for Fire Signal Receiving Centres and Systems, ULC 561, include the following changes:
1. Align CAN/ULC-S561 and CAN/ULC-S301 Standards
2. Reduce Nuisance Follow-up Calls to the Subscriber/Owner
3. Redundant Fire Signal Receiving Centre

Rationale/Justification

This proposal seeks to allow Fire Signal Receiving Centre companies the ability to employ monitoring operators who work from locations remote from the Signal Receiving Centre. With the implementation of the Emergency Work From Home authorization as a result of the Covid-19 pandemic it was determined that by working remotely Fire Signal Receiving Centre operations could be carried on in an efficient manner with no degradation in service to the customers. As a result of the success of the emergency authorization many members of the industry, and their employees, have requested the ability to continue to work remotely. It is believed that the existing requirements in Section 19 of the standard coupled with the modifications to the standard contained in this proposal, the industry can continue to serve its client in a safe and secure manner.

Update to CAN/ULC-S566:2017 — Standard for Halocarbon Clean Agent Fire Extinguishers

Update No.:	1308
Date of Update:	2025-04-01
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-02-10
Status (French):	Updated
Publication Date (French):	2025-02-10
Referenced in (English):	National Fire Code 2.1.5.1.(4)
Referenced in (French):	Code national de prévention des incendies 2.1.5.1. 4)
Standing Committee(s):	

Process

2025-04-01 — Received

Update 1308

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S566~~ 566:~~2017~~2025

Updated Document Number (Current Version) (English)

CAN/ULC-~~S566~~ 566:~~2017~~2025

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S566~~ 566:~~2017~~2025

Updated Document Number (Current Version) (French)

CAN/ULC-~~S566~~ 566:~~2017~~2025

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Halocarbon Clean Agent Fire Extinguishers

Updated Document Title (Current Version) (English)

Standard for Halocarbon Clean Agent Fire Extinguishers

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les extincteurs aux agents propres à l'halocarbure

Updated Document Title (Current Version) (French)

Norme sur les extincteurs aux agents propres à l'halocarbure

Significant Changes

This revision of CAN/ULC 566 dated February 10, 2025 includes the revisions to salt spray corrosion test, 45.1 – 45.1C, 45.3, and 45.5.

Rationale/Justification

This proposal is intended to provide improved definition and clarity to salt spray corrosion testing required under ULC 566 and related portable extinguisher standards. It should not compromise the safety, functionality, or performance of an extinguisher.

Unlike suppression systems, portables are subjected to repeated corrosion testing using randomly selected production samples. The intent of this testing is understandable. However, in practice, the requirement of zero defects is challenging at best in a manufacturing environment. Other corrosion standards, such as MIL-A-8625F, have taken a more pragmatic approach and permit a defined level of defects.

Proposed changes include sample evaluation methods, decorative coatings/plating, aluminum components, porous surfaces/ imperfections and pre-approved components.

Lastly, in order not to conflict with Standard Practice for Operating Salt Spray (Fog) Apparatus, ASTM B117, the fog chamber dimensions were removed.

It is further recommended an update to the Standard for Factory Follow-Up on Third Party Certified Portable Fire Extinguishers, UL 1803, be considered at a later date.

Update to CAN/ULC-S566:2017 — Standard for Halocarbon Clean Agent Fire Extinguishers

Update No.:	1344
Date of Update:	2026-02-16
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-08-15
Status (French):	Updated
Publication Date (French):	2025-08-15
Referenced in (English):	National Fire Code 2.1.5.1.(4)
Referenced in (French):	Code national de prévention des incendies 2.1.5.1. 4)
Standing Committee(s):	

Process

2026-02-16 — Received

Update 1344

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S566~~ 566:~~2017~~2025A

Updated Document Number (Current Version) (English)

CAN/ULC-~~S566~~ 566:~~2017~~2025A

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S566~~ 566:~~2017~~2025A

Updated Document Number (Current Version) (French)

CAN/ULC-~~S566~~ 566:~~2017~~2025A

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Halocarbon Clean Agent Fire Extinguishers

Updated Document Title (Current Version) (English)

Standard for Halocarbon Clean Agent Fire Extinguishers

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les extincteurs aux agents propres à l-'halocarbure

Updated Document Title (Current Version) (French)

Norme sur les extincteurs aux agents propres à l-'halocarbure

Significant Changes

This revision to CAN/ULC 566 dated August 15, 2025 includes revisions to Manual Section; 72.1, 72.2 (deleted) and 72.3.

Rationale/Justification

The Instructional (i.e., Owners) Manual contains condensed operating instructions and cautions necessary to address extinguisher model installation, operation and inspection objectives. In more simple terms, the Instructional Manual identifies activities the extinguisher owner can do/perform. Per the scope of this standard, service-related functions are to be performed in accordance with NFPA 10, Standard for Portable Fire Extinguishers. To address various compliance, safety and liability issues the statement pertaining to “request and availability” needs to be removed. Manufactures (i.e., Product) Service Manual are only intended for use by trained, certified and qualified personnel to safely properly perform equipment service-related functions that include product maintenance, recharge and testing per NFPA 10.

Update to CAN/ULC-S610:2018 — Standard for Factory-Built Fireplace Systems

Update No.:	1270
Date of Update:	2024-08-14
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2024-06-25
Status (French):	Updated
Publication Date (French):	2024-06-25
Referenced in (English):	National Building Code 9.22.8.1.(1)
Referenced in (French):	Code national du bâtiment 9.22.8.1. 1)
Standing Committee(s):	

Process

2024-08-20 — Received

Update 1270

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC~~-S610:2018~~ 610 (R2024)

Updated Document Number (Current Version) (English)

CAN/ULC~~-S610:2018~~ 610 (R2024)

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC~~-S610:2018~~ 610 (R2024)

Updated Document Number (Current Version) (French)

CAN/ULC~~-S610:2018~~ 610 (R2024)

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Factory-Built Fireplace Systems

Updated Document Title (Current Version) (English)

Standard for Factory-Built Fireplace Systems

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les systèmes foyers à feu ouvert préfabriqué

Updated Document Title (Current Version) (French)

Norme sur les systèmes foyers à feu ouvert préfabriqué

Significant Changes

Reaffirmation and continuance of the 2nd edition of Standard for Factory-Built Fireplace Systems, CAN/ULC 610, as a National Standard of Canada.

Rationale/Justification

ULC Standards reaffirmed the SCC approval of CAN/ULC 610. The status of SCC approval is required to be updated in a positive, consensus reaffirmation of the standard by the TC if the standard has not been otherwise updated in the consensus process in the preceding 5 years.

Update to CAN/ULC-S642:2021 — Standard for Compounds and Tapes for Threaded Pipe Joints

Update No.:	1334
Date of Update:	2026-01-20
Updated By:	
Issuing Agency:	UL Solutions in Canada (formerly ULC Standards)
Status (English):	Updated
Publication Date (English):	2026-01-05
Status (French):	Updated
Publication Date (French):	2026-01-05
Referenced in (English):	National Fire Code 4.5.5.1.(1)
Referenced in (French):	Code national de prévention des incendies 4.5.5.1. 1)
National Model Codes Committee(s):	

Process

2026-01-20 — Received

Update 1334

Updated Document Number As Submitted By Issuing Agency (English)
CAN/ULC-S642:~~2021~~2026

Updated Document Number (Current Version) (English)
CAN/ULC-~~S642~~ 642:2021 (R2026)

Updated Document Number As Submitted By Issuing Agency (French)
CAN/ULC-S642:~~2021~~2026

Updated Document Number (Current Version) (French)
CAN/ULC-~~S642~~ 642:2021 (R2026)

Updated Document Title As Submitted By Issuing Agency (English)
Standard for Compounds and Tapes for Threaded Pipe Joints

Updated Document Title (Current Version) (English)
Standard for Compounds and Tapes for Threaded Pipe Joints

Updated Document Title As Submitted By Issuing Agency (French)
Norme sur les composés et rubans pour joints de tuyau filetés

Updated Document Title (Current Version) (French)
Norme sur les composés et rubans pour joints de tuyau filetés

Significant Changes

This standard was reaffirmed as is so there are no changes.

Rationale/Justification

This standard was reaffirmed as is so there are no changes.

Impact Assessment

No impact

Update to CAN/ULC-S644-16 — Emergency Breakaway Fittings for Flammable and Combustible Liquids

Update No.:	839
Date of Update:	2022-02-14
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2021-01-29
Status (French):	Updated
Publication Date (French):	2021-01-29
Referenced in (English):	National Fire Code 4.6.5.2.(4)
Referenced in (French):	Code national de prévention des incendies 4.6.5.2. 4)
Standing Committee(s):	HMA

Process

2022-02-23 — Received

2022-02-23 — Sorted

Update 839

Updated Document Number As Submitted By Issuing Agency (English)

ANSI/CAN/**UL**/ULC-~~**S644-16**~~ **567:2021**

Updated Document Number (Current Version) (English)

ANSI/CAN/**UL**/ULC-~~**S644-16**~~ **567:2021**

Updated Document Number As Submitted By Issuing Agency (French)

ANSI/CAN/**UL**/ULC-~~**S644-16**~~ **567:2021**

Updated Document Number (Current Version) (French)

ANSI/CAN/**UL**/ULC-~~**S644-16**~~ **567:2021**

Updated Document Title As Submitted By Issuing Agency (English)

Emergency Breakaway Fittings**, Swivel Connectors and Pipe-Connection Fittings** for ~~**Flammable**~~**Petroleum Products** and ~~**Combustible Liquids**~~**LP-Gas**

Updated Document Title (Current Version) (English)

Emergency Breakaway Fittings**, Swivel Connectors and Pipe-Connection Fittings** for ~~**Flammable**~~**Petroleum Products** and ~~**Combustible Liquids**~~**LP-Gas**

Updated Document Title As Submitted By Issuing Agency (French)

Raccords ~~**frangibles**~~**à rupture** d'urgence**, les raccords pivotants et les raccords de tuyau** pour ~~**liquides**~~**les** ~~**inflammables**~~**produits pétroliers** et ~~**combustibles**~~**le propane**

Updated Document Title (Current Version) (French)

Raccords ~~frangibles~~à rupture d'urgence, les raccords pivotants et les raccords de tuyau pour ~~liquides~~les ~~inflammables~~produits pétroliers et ~~combustibles~~le propane

Significant Changes

CAN/ULC-S644 and CAN/ULC-S634 were superseded with a harmonized joint US-Canada Standard that uses ANSI/UL 567 as the seed document and merges relevant content from CAN/ULC-S644 and CAN/ULC-S634 into a single document (ANSI/CAN/UL/ULC 567) that can be applied in both Canada and the USA. This change allowed for the incorporation of updated technologies and the alignment of requirements between the three documents.

Rationale/Justification

Harmonizing ANSI/UL 567 with CAN/ULC-S634 and CAN/ULC-S644 to create the bi-national ANSI/CAN/UL/ULC 567 allows for consolidation and consistency between American and Canadian requirements and meets the demands of SCC and ANSI. The new/revised requirements of this standard are intended to meet current Codes and provide a simple Dual Certification path for the same products in a single test program.

Update to CAN/ULC-S701.1:2017 — Standard for Thermal Insulation, Polystyrene Boards

Update No.:	1310
Date of Update:	2025-04-01
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-02-10
Status (French):	Updated
Publication Date (French):	2025-02-10
Referenced in (English):	National Building Code Table 5.9.1.1. National Building Code Table 9.23.17.2.A National Building Code 9.25.2.2.(1) National Building Code Table A-9.36.2.4.(1)D
Referenced in (French):	Code national du bâtiment Tableau 5.9.1.1. Code national du bâtiment Tableau 9.23.17.2.A Code national du bâtiment 9.25.2.2. 1) Code national du bâtiment Tableau A-9.36.2.4. 1)D
Standing Committee(s):	

Process

2025-04-01 — Received

Update 1310

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S701~~ 701.1:~~2017~~2025

Updated Document Number (Current Version) (English)

CAN/ULC-~~S701~~ 701.1:~~2017~~2025

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S701~~ 701.1:~~2017~~2025

Updated Document Number (Current Version) (French)

CAN/ULC-~~S701~~ 701.1:~~2017~~2025

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Thermal Insulation, Polystyrene Boards

Updated Document Title (Current Version) (English)

Standard for Thermal Insulation, Polystyrene Boards

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur l'isolant thermique en polystyrène

Updated Document Title (Current Version) (French)

Norme sur l'isolant thermique en polystyrène

Significant Changes

This revision of CAN/ULC 701.1, dated February 10, 2025, includes the following changes:
– Revision for the Atmospheric Condition for Testing the Dimensional Stability: 13.1; and
– Addition of Thickness in Marking and/or Labelling Requirements: 20.2

Rationale/Justification

During the S700 Technical Committee meeting held on May 18, 2022, it was discovered that the Sixth Edition of ULC S701.1 excluded the atmospheric condition for testing the dimensional stability at 70 ±2 °C temperature at ambient humidity. These conditions were previously in the Fifth Edition of the standard. Other plastic foam material standards require reporting dimensional stability at high temperature/high humidity and cold conditions. Users of the standard and products have requested that the third atmosphere condition be added back to the standard.

After much discussion, it was agreed that the third atmosphere condition should be added back to S701.1.

Update to CAN/ULC-S703-09 — Standard for Cellulose Fibre Insulation (CFI) for Buildings

Update No.:	1320
Date of Update:	2025-07-17
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-07-14
Status (French):	Updated
Publication Date (French):	2025-07-14
Referenced in (English):	National Building Code Table 5.9.1.1. National Building Code 9.25.2.2.(1) National Building Code Table A-9.36.2.4.(1)D National Building Code D-2.3.4.
Referenced in (French):	Code national du bâtiment Tableau 5.9.1.1. Code national du bâtiment 9.25.2.2. 1) Code national du bâtiment Tableau A-9.36.2.4. 1)D Code national du bâtiment D-2.3.4.
Standing Committee(s):	

Process

2025-07-18 — Received

Update 1320

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC 703-~~S703-09~~2025

Updated Document Number (Current Version) (English)

CAN/ULC 703-~~S703-09~~2025

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC 703-~~S703-09~~2025

Updated Document Number (Current Version) (French)

CAN/ULC 703-~~S703-09~~2025

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Cellulose Fibre Insulation ~~(CFI)~~ for Buildings

Updated Document Title (Current Version) (English)

Standard for Cellulose Fibre Insulation ~~(CFI)~~ for Buildings

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur l'isolant en fibre cellulosique ~~(IFC)~~ pour les bâtiments

Updated Document Title (Current Version) (French)

Norme sur l'isolant en fibre cellulosique ~~(IFC)~~ pour les bâtiments

Significant Changes

This new Third Edition of ULC 703 dated July 14, 2025 includes the following changes in requirements:

– Revision of the definition for cellulose fibre insulation
– Addition of a definition for “fibre”
– Clarification of intended uses for Type 1 in the Classification section
– The moisture vapour sorption test is replaced with a reference to ASTM C739
– Replacement of the open flammability test (critical radiant flux) with a reference to ASTM C1485
– The smoulder resistance test clarifies conditions that require a new specimen to be prepared (mandatory language)
– Removal of statement favouring ASTM C177 in case of dispute
– Reporting and Labelling sections are updated to remove references to “sub-type” to be consistent with the Classification section
– Rewriting of Annex A and addition of Annex B
– Editorial changes throughout the document

Rationale/Justification

This is a ballot for a new edition of the Standard for Cellulose Fibre Insulation for Buildings, CAN/ULC 703. This standard was revised the last time in 2009 and has been re-approved since. In this ballot, there are numerous technical and editorial changes. The technical changes include:

•Revision of the definition for cellulose fibre insulation.

•Addition of a definition for “fibre” as requested by the committee.

•Clarification of intended uses for Type 1 in the Classification section.

•The moisture vapour sorption test is replaced with a reference to ASTM C739.

•The open flammability test (critical radiant flux) is replaced with a reference to ASTM C1485. Some specific test conditions that are unique to ULC 703 are maintained in this version to ensure continuity and consistency. Because ASTM C1485 does not contain a report section, this draft retains a report section.

•The smoulder resistance test clarifies conditions that require a new specimen to be prepared (mandatory language).

•The statement favouring ASTM C177 in case of dispute is removed. When ASTM C518 was first created, there was some skepticism about the accuracy of the method compared to a direct measurement in ASTM C177. Decades later, that concern is largely a non-issue. ASTM C518 has been accepted to be as accurate as ASTM C177.

•Reporting and Labelling sections are updated to remove references to “sub-type” to be consistent with the Classification section.

•Annex A is extensively re-written.

Update to CAN/ULC-S706.1:2016 — Standard for Wood Fibre Insulating Boards for Buildings

Update No.:	1345
Date of Update:	2026-02-16
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-03-03
Status (French):	Updated
Publication Date (French):	2025-03-03
Referenced in (English):	National Building Code Table 5.9.1.1. National Building Code 9.23.16.7.(3) National Building Code Table 9.23.17.2.A National Building Code 9.25.2.2.(1) National Building Code 9.29.8.1.(1) National Building Code D-3.1.1.
Referenced in (French):	Code national du bâtiment Tableau 5.9.1.1. Code national du bâtiment 9.23.16.7. 3) Code national du bâtiment Tableau 9.23.17.2.A Code national du bâtiment 9.25.2.2. 1) Code national du bâtiment 9.29.8.1. 1) Code national du bâtiment D-3.1.1.
Standing Committee(s):	

Process

2026-02-16 — Received

Update 1345

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S706~~ 706.1:~~2016~~2020 (R2025)

Updated Document Number (Current Version) (English)

CAN/ULC-~~S706~~ 706.1:~~2016~~2020 (R2025)

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S706~~ 706.1:~~2016~~2020 (R2025)

Updated Document Number (Current Version) (French)

CAN/ULC-~~S706~~ 706.1:~~2016~~2020 (R2025)

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Wood Fibre Insulating Boards for Buildings

Updated Document Title (Current Version) (English)

Standard for Wood Fibre Insulating Boards for Buildings

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les panneaux isolants en fibre de bois pour bâtiments

Updated Document Title (Current Version) (French)

Norme sur les panneaux isolants en fibre de bois pour bâtiments

Significant Changes

This reaffirmation of CAN/ULC 706.1 dated March 3, 2025 is being issued to update the title page to reflect the latest SCC approval dates as a National Standard of Canada (NSC). No changes in requirements are involved.

Rationale/Justification

ULC Standards is proposing to reaffirm the SCC approval of ULC S706.1. The status of SCC approval is required to be updated by a positive, consensus reaffirmation of the standard by the TC if the standard has not been otherwise updated in the consensus process in the preceding five years.

ULC Standards is seeking only to maintain the currently published requirements in ULC S706.1 as a National Standard of Canada. No new revisions are being proposed at this time. A reaffirmation is a Yes / No vote provided by the TC on whether or not to reaffirm the standard “as is”. Any specific comment on the standard or proposed change to the standard should be submitted as a new Proposal Request in CSDS for future consideration.

Update to CAN/ULC-S716.1-12 — Standard for Exterior Insulation and Finish Systems (EIFS) - Materials and Systems

Update No.:	1273
Date of Update:	2024-08-30
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2024-08-23
Status (French):	Updated
Publication Date (French):	2024-08-23
Referenced in (English):	National Building Code 5.9.4.1.(1) National Building Code A-5.9.4.1.(1) National Building Code 9.27.14.1.(1) National Building Code 9.27.14.2.(1) National Building Code A-9.27.14.2.(2)(a)
Referenced in (French):	Code national du bâtiment 5.9.4.1. 1) Code national du bâtiment A-5.9.4.1. 1) Code national du bâtiment 9.27.14.1. 1) Code national du bâtiment 9.27.14.2. 1) Code national du bâtiment A-9.27.14.2. 2)a)
Standing Committee(s):	

Process

2024-08-30 — Received

Update 1273

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S716~~ 716.1-~~12~~24

Updated Document Number (Current Version) (English)

CAN/ULC-~~S716~~ 716.1-~~12~~24

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S716~~ 716.1-~~12~~24

Updated Document Number (Current Version) (French)

CAN/ULC-~~S716~~ 716.1-~~12~~24

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Exterior Insulation and Finish Systems (EIFS) - Materials and Systems

Updated Document Title (Current Version) (English)

Standard for Exterior Insulation and Finish Systems (EIFS) - Materials and Systems

Updated Document Title As Submitted By Issuing Agency (French)

Norme pour les systèmes d'isolation et de finition extérieurs (Systèmes SIFE) – Matériaux et systèmes

Updated Document Title (Current Version) (French)

Norme pour les systèmes d'isolation et de finition extérieurs (Systèmes SIFE) – Matériaux et systèmes

Significant Changes

This revision of CAN/ULC 716.1 dated August 23, 2024 includes editorial and clarifying revisions to the following sections:

– Scope: 1.2
– Reference Publications: 2.1
– Terminology: 3.1, 3.2, 3.8, 3.24, 3.27
– EIFS Constituent Materials: Section 4, 4.1, Table 4.1
– Panel Types and Quantities: 9.1.1, 9.1.2, 9.1.3, 9.1.4, 9.2.1, 9.2.2
– Reinforcing Mesh Strength and Alkalinity Resistance: 10.10.3, 10.10.6
– Durability Under Cyclic Environmental Conditions Test: 12.2.6
– Fire Resistance Training: 12.4.1
– Bond Strength Testing: A6.1, A6.4
– Water Absorption Coefficient of the LA-WRB: B5.2, B6.1, B6.2, B6.4
– Assessing Durability of EIFS Under Cyclic Environmental Conditions: E5.8, E6.1.4, E6.1.5

Rationale/Justification

The S716 EIFS Task Group is proposing revisions to existing content to make the standard more coherent with adopted definitions. Users and labs have also identified some areas where greater clarity around procedures is needed. These clarifications do not represent changes to technical requirements and are meant to assist users in areas such as sample prep, understanding the learning objective, etc., while also helping lab technicians properly set up and execute the various tests.

Update to CAN/ULC-S716.2-12 — Standard for Exterior Insulation and Finish Systems (EIFS) - Installation of EIFS Components and Water Resistive Barrier

Update No.:	1274
Date of Update:	2024-08-30
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2024-08-13
Status (French):	Updated
Publication Date (French):	2024-08-13
Referenced in (English):	National Building Code A-5.9.4.1.(1) National Building Code 9.27.14.3.(1)
Referenced in (French):	Code national du bâtiment A-5.9.4.1. 1) Code national du bâtiment 9.27.14.3. 1)
Standing Committee(s):	

Process

2024-08-30 — Received

Update 1274

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S716~~ 716.2-~~12~~24

Updated Document Number (Current Version) (English)

CAN/ULC-~~S716~~ 716.2-~~12~~24

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S716~~ 716.2-~~12~~24

Updated Document Number (Current Version) (French)

CAN/ULC-~~S716~~ 716.2-~~12~~24

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Exterior Insulation and Finish Systems (EIFS) - Installation of EIFS Components and Water Resistive Barrier

Updated Document Title (Current Version) (English)

Standard for Exterior Insulation and Finish Systems (EIFS) - Installation of EIFS Components and Water Resistive Barrier

Updated Document Title As Submitted By Issuing Agency (French)

Norme pour les systèmes d'isolation et de finition extérieurs (SIFE) – Installation des composants des systèmes SIFE et de la barrière résistant à l'eau

Updated Document Title (Current Version) (French)

Norme pour les systèmes d'isolation et de finition extérieurs (SIFE) – Installation des composants des systèmes SIFE et de la barrière résistant à l'eau

Significant Changes

This revision of CAN/ULC 716.2 dated August 13, 2024 includes editorial and clarifying revisions to the following sections:
– Reference Publications: 2.1
– Terminology: 3.1, 3.7, and 3.23
– Substrate: 6.12
– Transition Membrane: 8.2.2 and 8.2.3
– Thermal Insulation Boards: Clause 9, 9.1.7, 9.1.10, and 9.2.2.4
– Attachment of the Reinforcing Mesh: 10.1.13
– Mechanical Fasteners: A1.1 and A1.6

Rationale/Justification

The S716 EIFS Task Group is proposing revisions to existing content to make the standard more coherent with adopted definitions. Users and labs have also identified some areas where greater clarity around procedures is needed. These clarifications do not represent changes to technical requirements and are meant to assist users in areas such as sample prep, understanding the learning objective, etc., while also helping lab technicians properly set up and execute the various tests.

The changes being proposed in ULC S716.2 are to match changes made and explained in ULC S716.1.

Update to CAN/ULC-S716.3-12 — Standard for Exterior Insulation and Finish System (EIFS) - Design Application

Update No.:	1276
Date of Update:	2024-08-30
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2024-08-12
Status (French):	Updated
Publication Date (French):	2024-08-12
Referenced in (English):	National Building Code A-5.9.4.1.(1) National Building Code 9.27.14.3.(1)
Referenced in (French):	Code national du bâtiment A-5.9.4.1. 1) Code national du bâtiment 9.27.14.3. 1)
Standing Committee(s):	

Process

2024-08-30 — Received

2024-09-13 — Analyzed

Confirmed with SDO the standard number should be CAN/ULC 716.3:2024.

Update 1276

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S716~~ 716.3-~~12~~24

Updated Document Number (Current Version) (English)

CAN/ULC-~~S716~~ 716.3-~~12~~:2024

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S716~~ 716.3-~~12~~24

Updated Document Number (Current Version) (French)

CAN/ULC-~~S716~~ 716.3-~~12~~:2024

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Exterior Insulation and Finish System (EIFS) - Design Application

Updated Document Title (Current Version) (English)

Standard for Exterior Insulation and Finish System (EIFS) - Design Application

Updated Document Title As Submitted By Issuing Agency (French)

Norme pour les systèmes d'isolation et de finition extérieurs (Systèmes SIFE) – Application de la conception

Updated Document Title (Current Version) (French)

Norme pour les systèmes d'isolation et de finition extérieurs (Systèmes SIFE) – Application de la conception

Significant Changes

This revision of CAN/ULC 716.3 dated August 12, 2024 includes several editorial and clarifying revisions; 2.1, 3.1, 3.2, 3.4, 3.5, 7.7, 9.2, 12.5, 13.1, 13.5, A1.3, Annex B, C1.3 and D1.2

Rationale/Justification

The S716 EIFS Task Group is proposing revisions to existing content to make the standard more coherent with adopted definitions. Users and labs have also identified some areas where greater clarity around procedures is needed. These clarifications do not represent changes to technical requirements and are meant to assist users in areas such as sample prep, understanding the learning objective, etc., while also helping lab technicians properly set up and execute the various tests.

The changes being proposed in ULC S716.3 are to match changes made and explained in ULC S716.1.

Update to CAN/ULC-S741-08 — Standard for Air Barrier Materials – Specification

Update No.:	1346
Date of Update:	2026-02-16
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-12-03
Status (French):	Updated
Publication Date (French):	2025-12-03
Referenced in (English):	National Building Code 5.4.1.2.(2) National Building Code 9.36.2.10.(1) National Energy Code for Buildings 3.2.4.3.(2)
Referenced in (French):	Code national du bâtiment 5.4.1.2. 2) Code national du bâtiment 9.36.2.10. 1) Code national de l'énergie pour les bâtiments 3.2.4.3. 2)
Standing Committee(s):	

Process

2026-03-03 — Received

Update 1346

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC ~~S741-08~~ 741:2008 (R2025)

Updated Document Number (Current Version) (English)

CAN/ULC ~~S741-08~~ 741:2008 (R2025)

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC 741 ~~S741-08~~ 2008 (R2025)

Updated Document Number (Current Version) (French)

CAN/ULC 741 ~~S741-08~~ 2008 (R2025)

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Air Barrier Materials – Specification

Updated Document Title (Current Version) (English)

Standard for Air Barrier Materials – Specification

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les matériaux d'étanchéité à l'air – Spécification

Updated Document Title (Current Version) (French)

Norme sur les matériaux d'étanchéité à l'air – Spécification

Significant Changes

This reaffirmation of CAN/ULC 741 dated December 3, 2025 is being issued to update the title page to reflect the reaffirmation of this First Edition National Standard of Canada. No changes in requirements are involved.

Rationale/Justification

UL Standards & Engagement is proposing to reaffirm the SCC approval of ULC 741. The status of SCC approval is required to be updated by a positive, consensus reaffirmation of the standard by the TC if the standard has not been otherwise updated in the consensus process in the preceding five years.

UL Standards & Engagement is seeking only to maintain the currently published requirements in ULC 741 as an National Standard of Canada. No new revisions are being proposed at this time. A reaffirmation is a Yes / No vote provided by the TC on whether or not to reaffirm the standard “as is”. Any specific comment on the standard or proposed change to the standard should be submitted as a new Proposal Request in CSDS for future consideration.

Update to CAN/ULC-S742-11 — Standard for Air Barrier Assemblies – Specification

Update No.:	1347
Date of Update:	2026-02-16
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-12-03
Status (French):	Updated
Publication Date (French):	2025-12-03
Referenced in (English):	National Building Code 5.4.1.2.(1) National Building Code 5.4.1.2.(2) National Building Code A-5.4.1.1.(3) National Building Code A-5.4.1.2.(1) National Building Code A-5.4.1.2.(2) National Building Code A-5.4.1.2.(4) National Building Code 9.36.2.9.(1) National Building Code A-9.36.2.9.(1) National Building Code A-9.36.2.10.(5)(b) National Energy Code for Buildings 3.2.4.3.(2) National Energy Code for Buildings A-3.2.4.3.(1) and (2)
Referenced in (French):	Code national du bâtiment 5.4.1.2. 1) Code national du bâtiment 5.4.1.2. 2) Code national du bâtiment A-5.4.1.1. 3) Code national du bâtiment A-5.4.1.2. 1) Code national du bâtiment A-5.4.1.2. 2) Code national du bâtiment A-5.4.1.2. 4) Code national du bâtiment 9.36.2.9. 1) Code national du bâtiment A-9.36.2.9. 1) Code national du bâtiment A-9.36.2.10. 5)b) Code national de l’énergie pour les bâtiments 3.2.4.3. 2) Code national de l’énergie pour les bâtiments A-3.2.4.3. 1) et 2)
Standing Committee(s):	

Process

2026-03-03 — Received

Update 1347

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S742-11~~ **742:2020 (R2025)**

Updated Document Number (Current Version) (English)

CAN/ULC-~~S742-11~~ **742:2020 (R2025)**

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S742-11~~ **742:2020 (R2025)**

Updated Document Number (Current Version) (French)

CAN/ULC ~~S742-11~~ 742:2020 (R2025)

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Air Barrier Assemblies – Specification

Updated Document Title (Current Version) (English)

Standard for Air Barrier Assemblies – Specification

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les ensembles d''étanchéité à l''air – Spécification

Updated Document Title (Current Version) (French)

Norme sur les ensembles d''étanchéité à l''air – Spécification

Significant Changes

This reaffirmation of CAN/ULC 742 dated December 3, 2025 is issued to update the title page to reflect the reaffirmation of this Second Edition National Standard of Canada. No changes in requirements are involved

Rationale/Justification

UL Standards & Engagement is proposing to reaffirm the SCC approval of ULC 742. The status of SCC approval is required to be updated by a positive, consensus reaffirmation of the standard by the TC if the standard has not been otherwise updated in the consensus process in the preceding five years.

UL Standards & Engagement is seeking only to maintain the currently published requirements in ULC 742 as an National Standard of Canada. No new revisions are being proposed at this time. A reaffirmation is a Yes / No vote provided by the TC on whether or not to reaffirm the standard “as is”. Any specific comment on the standard or proposed change to the standard should be submitted as a new Proposal Request in CSDS for future consideration.

Update to CAN/ULC-S770-15 — Standard Test Method for Determination of Long-Term Thermal Resistance of Closed-Cell Thermal Insulating Foams

Update No.:	1309
Date of Update:	2025-04-01
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-03-28
Status (French):	Updated
Publication Date (French):	2025-03-28
Referenced in (English):	National Building Code Table A-9.36.2.4.(1)D
Referenced in (French):	Code national du bâtiment Tableau A-9.36.2.4. 1)D
Standing Committee(s):	

Process

2025-04-01 — Received

Update 1309

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC 770-~~S770-15~~2025

Updated Document Number (Current Version) (English)

CAN/ULC 770-~~S770-15~~2025

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC 770-~~S770-15~~2025

Updated Document Number (Current Version) (French)

CAN/ULC 770-~~S770-15~~2025

Updated Document Title As Submitted By Issuing Agency (English)

Standard Test Method for Determination of Long-Term Thermal Resistance of Closed-Cell Thermal Insulating Foams

Updated Document Title (Current Version) (English)

Standard Test Method for Determination of Long-Term Thermal Resistance of Closed-Cell Thermal Insulating Foams

Updated Document Title As Submitted By Issuing Agency (French)

Méthode d'essai normalisée pour la détermination de la résistance thermique à long terme des mousses isolantes thermiques à alvéoles fermés

Updated Document Title (Current Version) (French)

Méthode d'essai normalisée pour la détermination de la résistance thermique à long terme des mousses isolantes thermiques à alvéoles fermés

Significant Changes

This new Fifth edition of CAN/ULC 770, dated March 28, 2025, has been issued to reflect the latest SCC approval date and to incorporate proposals dated August 16, 2024 and January 30, 2025.

Rationale/Justification

The below revisions are being made to CAN/ULC S770:

1. Clause 1.4 of the Scope states that the standard applies to products that retain a gas or mixture of gases, other than air, for a period longer than 180 days. The second sentence of this clause that specifies that the procedure applies to products that show a change of more than 3% in thermal resistivity after 180 days is not clear as it does not specify how to determine this criterion; it has been removed and replaced with the new informative Annex C (see below Item 7, Annex C).

The new Annex would allow innovative products including those with no current material standard to be addressed. At the same time, products such as XPS, PIR and SPF are still required to determine LTTR according to CAN/ULC S770 as per their respective material standards. If a member of those sectors believes they have a product that does not age, i.e. it shows a change of less than 3% in thermal resistivity after 180 days, they can request this be addressed through their respective material standard Task Group.

2. The last sentence of existing Clause 1.4 has been moved to new Clause 1.4A.

3. Referenced standards listed in Clause 2.1 have removed the dates of these standards to be consistent to ULC Standards' style manual policy. Tables and figures have also been moved to the body of the standard to align with the style manual. Section 9 is also being moved to new Annex D. No technical changes were made to the text.

4. A new Clause 4.0 has been added to specify that this procedure is applicable to any cellular plastic insulation products and that the new Annex C provides additional information about the applicability.

5. Revisions to Clause 8.19(k) have been made to clarify that it is the average of the initial and the average of the aged thermal resistivity of the surface slices and of the core slices that shall be reported.

6. New Clause 8.1(o) has been added that requires reporting of the LTTR for 25, 50 and 75 mm to be consistent with the requirements of material standards that reference CAN/ULC S770. The existing Clause 8.1(o) has been renumbered to 8.1(p) and modified to specify that the type of blowing agent is to be declared by the manufacturer.

7. The addition of a new Normative Annex C is to provide manufacturers, labs, listing and certification bodies information and procedure on how to determine in a mandatory fashion if a new or innovative foamed plastic insulation product with or without an existing standard can be exempted from the requirements to test according to CAN/ULC S770. This Annex is not to be applied when a proponent is testing in accordance with the procedure described in the body of the standard. In this case, no test result is required for conformance with CAN/ULC S770.

Final publication of these revisions will result in a new edition.

Update to CAN/ULC-S1001-11 — Standard for Integrated Systems Testing of Fire Protection and Life Safety Systems

Update No.:	1315
Date of Update:	2025-05-14
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2025-05-09
Status (French):	Updated
Publication Date (French):	2025-05-09
Referenced in (English):	National Building Code 3.2.9.1.(1) National Building Code A-3.2.9.1.(1) National Building Code 9.10.1.2.(1) National Fire Code 6.8.1.1.(1) National Fire Code A-6.8.1.1.(1)
Referenced in (French):	Code national du bâtiment 3.2.9.1. 1) Code national du bâtiment A-3.2.9.1. 1) Code national du bâtiment 9.10.1.2. 1) Code national de prévention des incendies 6.8.1.1. 1) Code national de prévention des incendies A-6.8.1.1. 1)
Standing Committee(s):	

Process

2025-05-16 — Received

Update 1315

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC **1001**-~~**S1001-11**~~**25**

Updated Document Number (Current Version) (English)

CAN/ULC **1001**-~~**S1001-11**~~**25**

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC **1001**-~~**S1001-11**~~**25**

Updated Document Number (Current Version) (French)

CAN/ULC **1001**-~~**S1001-11**~~**25**

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Integrated Systems Testing of Fire Protection and Life Safety Systems

Updated Document Title (Current Version) (English)

Standard for Integrated Systems Testing of Fire Protection and Life Safety Systems

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les essais intégrés de systèmes de protection incendie et de sécurité des personnes

Updated Document Title (Current Version) (French)

Norme sur les essais intégrés de systèmes de protection incendie et de sécurité des personnes

Significant Changes

This revision of CAN/ULC 1001 dated May 9, 2025 includes changes to FDNE Signage, A6.7.1.

Rationale/Justification

Appendix A6.7.1. refers to examples of notification systems that could be integrated with various fire & life safety systems. However, Fire Do Not Enter signage is now required to be integral with the fire alarm system and is specifically called out within ULC 524 on how they are to be installed. The reference to FDNE signs misdirects that they could potentially be a separate "fire protection and life safety system". New construction does not permit FDNE signage to be a separate system as it is now referenced within ULC 524 Section 45. It is possible however that existing systems may have a 3rd party system with FDNE signs which are not integral to the fire alarm system. As such, a revision to the language is proposed.

Update to CAN/ULC-S1001-11 — Standard for Integrated Systems Testing of Fire Protection and Life Safety Systems

Update No.:	1351
Date of Update:	2026-03-23
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status (English):	Updated
Publication Date (English):	2026-03-23
Status (French):	Updated
Publication Date (French):	2026-03-23
Referenced in (English):	National Building Code 3.2.9.1.(1) National Building Code A-3.2.9.1.(1) National Building Code 9.10.1.2.(1) National Fire Code 6.8.1.1.(1) National Fire Code A-6.8.1.1.(1)
Referenced in (French):	Code national du bâtiment 3.2.9.1. 1) Code national du bâtiment A-3.2.9.1. 1) Code national du bâtiment 9.10.1.2. 1) Code national de prévention des incendies 6.8.1.1. 1) Code national de prévention des incendies A-6.8.1.1. 1)
Standing Committee(s):	

Process

2026-03-24 — Received

Update 1351

Updated Document Number As Submitted By Issuing Agency (English)

CAN/ULC-~~S1001-11~~ 1001:2026

Updated Document Number (Current Version) (English)

CAN/ULC-~~S1001-11~~ 1001:2026

Updated Document Number As Submitted By Issuing Agency (French)

CAN/ULC-~~S1001-11~~ 1001:2026

Updated Document Number (Current Version) (French)

CAN/ULC-~~S1001-11~~ 1001:2026

Updated Document Title As Submitted By Issuing Agency (English)

Standard for Integrated Systems Testing of Fire Protection and Life Safety Systems

Updated Document Title (Current Version) (English)

Standard for Integrated Systems Testing of Fire Protection and Life Safety Systems

Updated Document Title As Submitted By Issuing Agency (French)

Norme sur les essais intégrés de systèmes de protection incendie et de sécurité des personnes

Updated Document Title (Current Version) (French)

Norme sur les essais intégrés de systèmes de protection incendie et de sécurité des personnes

Significant Changes

This new Second Edition of CAN/ULC 1001 dated March 23, 2026 includes the following changes in requirements:

– Referenced Publications in the NBCC.
– ITP Scoping Table Annex C; Section C2.
– Annex C – 10 % of valve stem correction; Section C4, C5.2 and C5.3.

Rationale/Justification

The referenced codes and standards in the current edition of ULC 1001 are dated and no longer referenced or used in most national and provincial codes. This proposal is to update correctly referenced standards as noted in most recent National Building Code of Canada. During some of the TC 500F6 TC meetings, it was explained that the Code is higher than a standard in the hierarchy. Codes are enforced by law, but standards are not. Also, ULC S561 is being added to the list of referenced standards and a year is being added to ULC 537, as noted in 2020 NBCC. As the final publication of the proposal will result in new edition, revisions to formatting are also being made to follow UL/ULC Style Manual guidelines.

Appendix C of the standard provides a sample integrated test plan and report. However, the sample plan/report does not clearly outline an executive summary on the front end of the document on the general outcome and the scope of the plan and relating report. It is recommended that a table in Appendix C, similar to the ULC 536 and ULC S537 standard reports be provided as guidance to outline the scope and if any deficiencies or notes are provided in the body of the document. This would provide consistency across standards and limit confusion for various stakeholders.

The appendix also outlines suggested testing protocols and procedures for sprinkler valves throughout the document. To properly align with CAN/ULC 536 and S537, it is proposed that the ULC 1001 standard, which currently suggests two turns of handle or 10% of valve stem, is revised to align with the ULC 536 and S537 standards where it outlines, "two turns of the valve handle, or when the stem of the valve has moved 20% from its normal position.” This alignment will maintain consistency across standards and alleviate confusion for various stakeholders.

Update to ULC/ORD-C30-95 — Safety Containers

Update No.:	1295
Date of Update:	2025-03-07
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status:	Updated
Publication Date:	2025-03-07
Referenced in:	National Fire Code 4.1.5.8.(2) National Fire Code 4.2.3.1.(1) National Fire Code 4.2.6.4.(1) National Fire Code 5.5.5.2.(2)
Standing Committee(s):	

Process

2025-03-10 — Received

Update 1295

Updated Document Number As Submitted By Issuing Agency

ANSI/CAN/UL/ULC~~/ORD-C30-95~~ 30:2025

Updated Document Number (Current Version)

ANSI/CAN/UL/ULC~~/ORD-C30-95~~ 30:2025

Updated Document Title As Submitted By Issuing Agency

Standard for Metallic and Nonmetallic Safety ~~Containers~~Cans for Flammable and Combustible Liquids

Updated Document Title (Current Version)

Standard for Metallic and Nonmetallic Safety ~~Containers~~Cans for Flammable and Combustible Liquids

Significant Changes

Revision to French translations under safety markings

Rationale/Justification

Revision to French translations under safety markings

NOTE: this update supersedes Update ID: 1028

Update to ULC/ORD-C30-95 — Safety Containers

Update No.:	1333
Date of Update:	2026-01-20
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status:	Updated
Publication Date:	2026-01-09
Referenced in:	National Fire Code 4.1.5.8.(2) National Fire Code 4.2.3.1.(1) National Fire Code 4.2.6.4.(1) National Fire Code 5.5.5.2.(2)
Standing Committee(s):	

Process

2026-01-20 — Received

Update 1333

Updated Document Number As Submitted By Issuing Agency

ANSI/CAN/UL/ULC~~/ORD-C30-95~~ 30:2026

Updated Document Number (Current Version)

ANSI/CAN/UL/ULC~~/ORD-C30-95~~ 30:2026

Updated Document Title As Submitted By Issuing Agency

Standard for Metallic and Nonmetallic Safety ~~Containers~~Cans for Flammable and Combustible Liquids

Updated Document Title (Current Version)

Standard for Metallic and Nonmetallic Safety ~~Containers~~Cans for Flammable and Combustible Liquids

Significant Changes

Type 1 Safety Can inclusion. Changes to 1.a, 4, 6.12, 12, Markings, and 24.5

NOTE: this update supersedes Update ID: 1295

Rationale/Justification

The few changes we have made to the document are to introduce a new design of the Safety Type 1 Safety Can

Update to ULC/ORD-C107.12-92 — Line Leak Detection Devices for Flammable Liquid Piping

Update No.:	1009
Date of Update:	2022-06-27
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status:	Updated
Publication Date:	2019-03-02
Referenced in:	National Fire Code 4.4.2.1.(11) National Fire Code 4.4.3.4.(2) National Fire Code 4.4.4.2.(1) Code national de prévention des incendies 4.4.2.1. 11) Code national de prévention des incendies 4.4.3.4. 2) Code national de prévention des incendies 4.4.4.2. 1)
Standing Committee(s):	HMA

Process

2022-06-28 — Received

2022-07-07 — Sorted

Update 1009

Updated Document Number As Submitted By Issuing Agency

CAN/ULC~~/ORD-C107~~S675.~~12~~2-~~92~~14-REV2

Updated Document Number (Current Version)

CAN/ULC~~/ORD-C107~~S675.~~12~~2-~~92~~14-REV2

Updated Document Title As Submitted By Issuing Agency

~~Line~~Nonvolumetric Precision Leak Detection Devices for Underground and Aboveground Storage Tanks and Piping for Flammable ~~Liquid~~and ~~Piping~~Combustible Liquids

Updated Document Title (Current Version)

~~Line~~Nonvolumetric Precision Leak Detection Devices for Underground and Aboveground Storage Tanks and Piping for Flammable ~~Liquid~~and ~~Piping~~Combustible Liquids

Significant Changes

The requirements ULC/ORD-C107.12 have been superseded by CAN/ULC-S675.2

Rationale/Justification

https://canada.ul.com/wp-content/uploads/sites/11/2018/02/Certification-Bulletin-2018-01AENG-ULC-ORD-C107.21Superseded.pdf

Update to ULC/ORD-C536-1998 — Flexible Metallic Hose

Update No.:	841
Date of Update:	2022-02-14
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status:	Updated
Publication Date:	2021-08-09
Referenced in:	National Fire Code 4.5.6.14.(2) Code national de prévention des incendies 4.5.6.14. 2)
Standing Committee(s):	HMA

Process

2022-02-23 — Received

2022-02-23 — Sorted

Update 841

Updated Document Number As Submitted By Issuing Agency

~~ULC~~ANSI/~~ORD-C536-1998~~CAN/UL 536:2021

Updated Document Number (Current Version)

~~ULC~~ANSI/~~ORD-C536-1998~~CAN/UL 536:2021

Updated Document Title As Submitted By Issuing Agency

Flexible Metallic Hose

Updated Document Title (Current Version)

Flexible Metallic Hose

Significant Changes

Content from ULC/ORD-C536 was merged with UL 536. The scope was expanded to include relevant content as it pertains to the US and Canada. A French-language version of ANSI/CAN/UL 536 is also available.

Rationale/Justification

ULC/ORD-C536 was identified by the Interprovincial Gas Advisory Council (IGAC) as a document that needed to be developed into a National Standard of Canada. This activity was achieved by taking UL 536 and harmonizing it with ULC/ORD-C536 to create ANSI/CAN/UL 536. There was no standard within the Canadian framework of standards that addressed this topic. The new/revised requirements of this standard are intended to meet current American and Canadian Codes and provide a simple Dual Certification path for the same products in a single test program.

Update to ULC/ORD-C558-75 — Guide for the Investigation of Internal Combustion Engine-Powered Industrial Trucks

Update No.:	1316
Date of Update:	2025-05-22
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status:	Updated
Publication Date:	2025-05-22
Referenced in:	National Fire Code 3.1.3.1.(2) Code national de prévention des incendies 3.1.3.1. 2)
Standing Committee(s):	

Process

2025-05-29 — Received

Update 1316

Updated Document Number As Submitted By Issuing Agency

~~ULC~~ANSI/~~ORD-C558-75~~CAN/UL 558:2025

Updated Document Number (Current Version)

~~ULC~~ANSI/~~ORD-C558-75~~CAN/UL 558:2025

Updated Document Title As Submitted By Issuing Agency

~~Guide~~Standard for ~~the~~Safety ~~Investigation~~for ~~of~~Industrial Trucks, Internal Combustion Engine-Powered ~~Industrial Trucks~~

Updated Document Title (Current Version)

~~Guide~~Standard for ~~the~~Safety ~~Investigation~~for ~~of~~Industrial Trucks, Internal Combustion Engine-Powered ~~Industrial Trucks~~

Significant Changes

Content from ULC/ORD-C558-75 was merged with UL 558. A French-language version of ANSI/CAN/UL 558 is also available.

Rationale/Justification

ULC/ORD-C558-75 was identified by the Council of Canadian Fire Marshals and Fire Commissioners (CCFMFC) as a document that needed to be developed into a National Standard of Canada. This activity was achieved by taking UL 558 and harmonizing it with ULC/ORD-C558-75 to create ANSI/CAN/UL 558. There was no standard within the Canadian framework of standards that addressed this topic. The new/revised requirements of this standard are intended to meet current American and Canadian Codes and provide a simple Dual Certification path for the same products in a single test program.

Update to ULC/ORD-C583-74 — Guide for the Investigation of Electric Battery Powered Industrial Trucks

Update No.:	1311
Date of Update:	2025-05-01
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status:	Updated
Publication Date:	2025-05-01
Referenced in:	National Fire Code 3.1.3.1.(3)
Standing Committee(s):	

Process

2025-05-05 — Received

Update 1311

Updated Document Number As Submitted By Issuing Agency

~~ULC~~ANSI/~~ORD-C583-74~~CAN/UL 583:2025

Updated Document Number (Current Version)

~~ULC~~ANSI/~~ORD-C583-74~~CAN/UL 583:2025

Updated Document Title As Submitted By Issuing Agency

~~Guide~~Standard for ~~the~~Safety ~~Investigation of~~for Electric--Battery--Powered Industrial Trucks

Updated Document Title (Current Version)

~~Guide~~Standard for ~~the~~Safety ~~Investigation of~~for Electric--Battery--Powered Industrial Trucks

Significant Changes

ANSI/CAN/UL 583 supersedes ULC/ORD-C583-74. A previously submitted update includes details of this activity (see ID 1110). This update is based on revision pages to ANSI/CAN/UL 583, which was republished in May 2025.

Rationale/Justification

ULC/ORD-C583-74 was identified by the Council of Canadian Fire Marshals and Fire Commissioners (CCFMFC) as a document that needed to be developed into a National Standard of Canada. This activity was achieved by taking UL 583 and harmonizing it with ULC/ORD-C583-74 to create ANSI/CAN/UL 583. There was no standard within the Canadian framework of standards that addressed this topic. The new/revised requirements of this standard are intended to meet current American and Canadian Codes and provide a simple Dual Certification path for the same products in a single test program.

Update to ULC/ORD-C1275-84 — Guide for the Investigation of Storage Cabinets for Flammable Liquid Containers

Update No.:	1271
Date of Update:	2024-08-15
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status:	Updated
Publication Date:	2024-06-14
Referenced in:	National Fire Code 4.2.10.5.(1)
Standing Committee(s):	

Process

2024-08-20 — Received

Update 1271

Updated Document Number As Submitted By Issuing Agency

ANSI/CAN/UL/ULC/~~ORD-C1275-84~~ 1275:2024

Updated Document Number (Current Version)

ANSI/CAN/UL/ULC/~~ORD-C1275-84~~ 1275:2024

Updated Document Title As Submitted By Issuing Agency

~~Guide for the Investigation of Storage Cabinets~~Standard for Flammable Liquid ~~Containers~~Storage Cabinets

Updated Document Title (Current Version)

~~Guide for the Investigation of Storage Cabinets~~Standard for Flammable Liquid ~~Containers~~Storage Cabinets

Significant Changes

ULC/ORD-C1275 was superseded by ANSI/CAN/UL/ULC 1275. (Update ID:1026)
These new revisions were updated in the NRC Extranet once published on July 14, 2024 (Update ID:1256)
Revision number 2 - the proposal is reinstating wording from the previous edition. This change is needed for the industry. As requested, this is a new submission related to the abovementioned ones.

Rationale/Justification

ULC/ORD-C1275 has expired and a joint US/Canada standard was developed to fill the gap and provide a standard for both countries.
Revision number 2 - the proposal is reinstating wording from the previous edition. This change is needed for the industry.

Update to ULC-S135-04 — Standard Test Method for the Determination of Combustibility Parameters of Building Materials Using an Oxygen Consumption Calorimeter (Cone Calorimeter)

Update No.:	1299
Date of Update:	2025-03-26
Updated By:	
Issuing Agency:	Underwriter's Laboratories of Canada
Status:	Updated
Publication Date:	2025-03-25
Referenced in:	National Building Code 3.1.5.1.(2) Code national du bâtiment 3.1.5.1. 2)
Standing Committee(s):	

Process

2025-03-26 — Received

Update 1299

Updated Document Number As Submitted By Issuing Agency

ULC~~-S135-04~~ **135:2025**

Updated Document Number (Current Version)

ULC~~-S135-04~~ **135:2025**

Updated Document Title As Submitted By Issuing Agency

Standard Test Method for the Determination of Combustibility Parameters of Building Materials Using an Oxygen Consumption Calorimeter (Cone Calorimeter)

Updated Document Title (Current Version)

Standard Test Method for the Determination of Combustibility Parameters of Building Materials Using an Oxygen Consumption Calorimeter (Cone Calorimeter)

Significant Changes

This revision to ULC 135 dated March 25, 2025 includes clarification of testing requirements for composite materials with discrete layers; 6.1.6 – 6.1.8 and 11.1.

Rationale/Justification

The Note in 6.1.6 and subsequent sections are being revised to provide clarity on testing requirements. Currently, some testing labs are terminating the test after 15 minutes instead of extending it as per NBCC 3.1.5.1.(3), which states:

3) If a material referred to in Sentence (2) consists of a number of discrete layers and testing reveals that the surface layer or layers protect the underlying layers such that complete combustion of the underlying layers does not occur, the test shall be repeated by removing the outer layers sequentially until all layers have been exposed during testing, or until complete combustion has occurred.

Supporting Document for PCF 2192

The purpose of this document is to

- clarify the structure of accessibility requirements in the NBC,
- outline important differences between the NBC and CSA/ASC B651:23 in performance and scope, and
- clarify how a CSA B651-compliant building could be evaluated for compliance within the NBC.

In the NBC, accessibility requirements that apply to public buildings are interspersed throughout NBC Parts 3 and 9, including but not limited to Section 3.8.

- Some accessibility features, such as door and corridor width, ramp design, and tactile indicator surfaces, are addressed in multiple NBC locations within and outside of Subsection 3.8.3.
- Within Section 3.8., design requirements specific to accessibility in public buildings are housed within Subsection 3.8.3., where designers can comply with NBC requirements, or a parallel "CSA pathway". In NBC 2025, the CSA pathway (which references the 2018 edition of the standard) is largely equivalent to the NBC pathway, though differences are growing with the emergence of new NBC requirements for menstrual product dispensers (NBC 2025), and upcoming and planned work on washrooms and changing facilities.
- CSA B651 is also referenced directly in the NBC in multiple instances, both within and outside of Section 3.8.

Examples of differences in performance between the NBC and CSA B651-18, and CSA B651:23

The table below delineates some examples of NBC requirements that are currently aligned with CSA B651-18, though do not align with the stricter performance requirements in CSA B651:23. The increase in performance in CSA B651:23 helped to motivate the need to simplify the NBC framework in a way that allows more straightforward updates to CSA B651 references in the NBC to proceed, while also enabling more thorough analyses of the more substantive changes.

Requirement	NBC Subsection 3.8.3. / CSA B651-18	CSA/ASC B651:23
Path of travel – minimum width	1 000 mm	1 200 mm
Doorways – minimum clear width	850 mm	860 mm
Turning circles – minimum diameter	1 700 mm	2 100 mm
Minimum space outside washroom stalls	1 700 mm × 1 700 mm	2 100 mm × 2 100 mm
Clear floor space (stationary stance) – minimum dimensions	1 350 mm × 800 mm	1 390 mm × 820 mm
Landings on ramps – minimum length	1 500 mm	1 700 mm
Knee space – minimum width	800 mm	820 mm

As indicated above, the NBC and CSA B651-18, and CSA/ASC B651:23 requirements are not mutually exclusive. A building designed in accordance with CSA/ASC B651:23 will generally (though not always) meet or exceed the minimum requirements of the NBC. For example, a building with 2100 mm turning circles meets CSA/ASC B651:23 requirements and exceeds NBC Subsection 3.8.3. / CSA B651-18 requirements.

CSA B651 should not be seen as an "alternative solution", but rather (in most cases) an equivalent or higher performance level than the NBC.

Examples of differences in scope between the NBC pathway and the CSA pathway

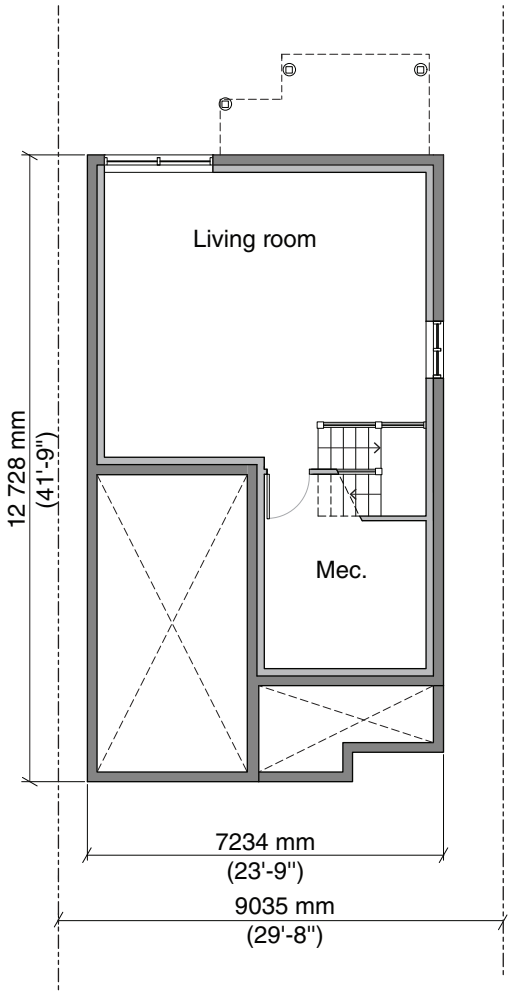
The NBC and CSA pathways in Subsection 3.8.3. diverge slightly in scope, though the differences are less pronounced than the differences in performance. Some concrete examples of differences in scope are noted below.

Topic	NBC pathway	CSA B651
Accessible menstrual product dispensers	Height requirements introduced to Article 3.8.3.16.; dexterity requirements anticipated for NBC 2030 (via PCF 2029)	Not yet addressed directly
Luminance contrast	Referenced only for tactile indicator surfaces and signage (where the NBC pathway references specific CSA B651 provisions).	Featured throughout the standard, including its stand-alone clause and in clauses related to controls, washrooms, bathing facilities, etc.
Operations of emergency call systems	Operational issue; not addressed in the NBC	Requirements in Clause 6.3.1.2 (body of standard and supporting notes)
Operating controls	Sentence 3.8.3.8.(1) addresses reachability, dexterity and requirements that feedback to a user be audible and visible Sentences 3.2.7.1.(6) and (7) address illumination levels of controls required by Article 3.8.2.6. – min. 200 lx if reading is required; min. 100 lx otherwise	Aligned with NBC for reachability, dexterity and illumination (per Clauses 4.3.1, 4.3.2, 4.3.3, 4.3.4 and 4.3.7.1) Does not address feedback, though does require tactile and/or auditory information to indicate its function, position and confirmation of activation (Clause 4.3.5) Prescribes requirements for visual displays, internally-illuminated controls and luminance contrast (Clauses 4.3.6, 4.3.7.2 and 4.3.8)
Water temperature of lavatories, bathtubs and showers	Not an NBC issue. NPC 2025 addresses bathing facilities, but not lavatories. Sentence 2.2.10.7.(4) limits the bathing facility water temperature to 49°C; Sentence 2.2.10.7.(5) restricts bathing facility water temperature to 43°C in healthcare facilities and facilities intended for older adults, who are more vulnerable to scalding.	Prescribes maximum water temperature for lavatories, bathtubs and showers (Clauses 6.2.3.4 and 6.5.1) of 49°C, with a note highlighting the possible need to reduce the water temperature in long-term care homes

Coordination is underway to better align the scope of NBC Subsection 3.8.3. with CSA/ASC B651, at least to the extent that the scope of CSA/ASC B651 matches or surpasses that of NBC Subsection 3.8.3. This should help to simplify compliance and enforcement by allowing a designer who voluntarily complies with more recent editions of CSA/ASC B651 to feel confident that they have met or surpassed NBC requirements within Subsection 3.8.3.

Implementation support materials (e.g., a list of the instances where the NBC is more stringent than CSA/ASC B651) can be developed to support designers, builders and building officials with compliance and enforcement.

A4 – Archetype

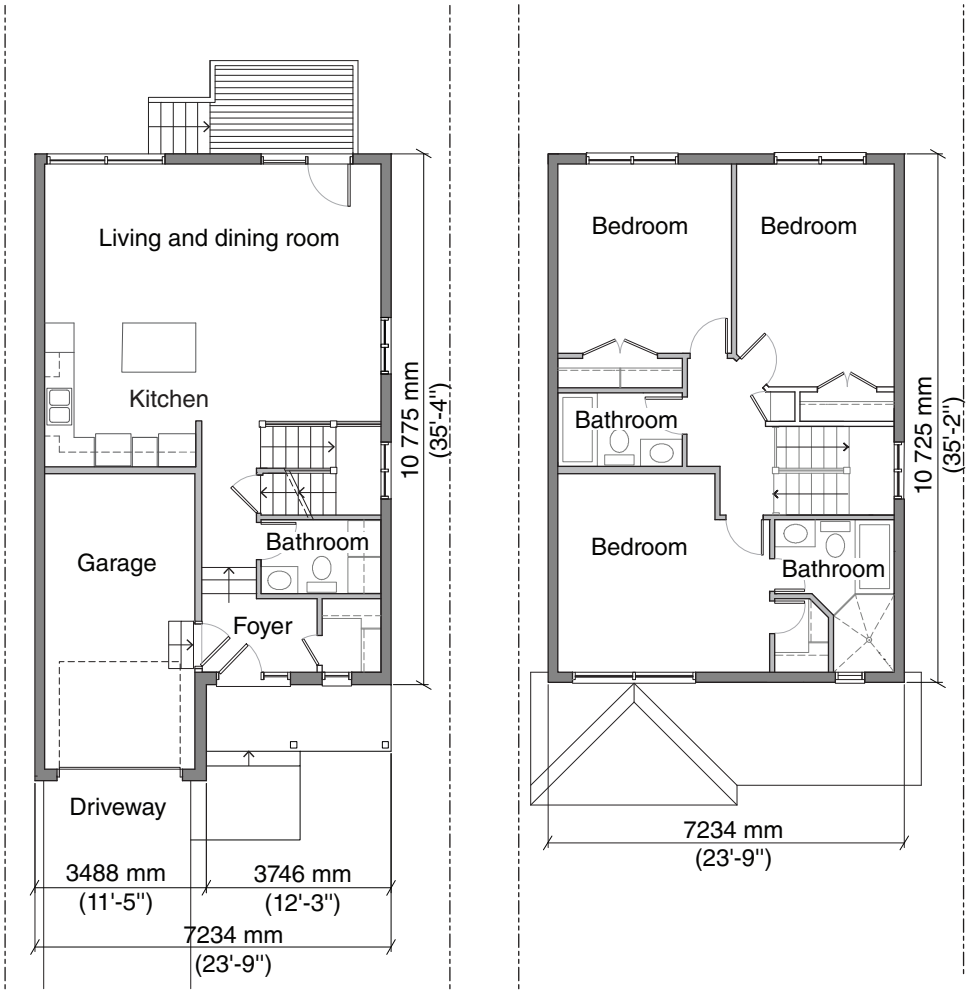


Basement
Net area: ±52 m² (±559 3/4 ft²)

ABBREVIATIONS:

Mec.: Mechanical room

PROJECT: Archetypes		
TITLE: 2-storey, detached Floor plan – basement		
DESCRIPTION: 7264 mm (23'-10") wide – Model 02		
SCALE: Fit to format	DATE: March 2024	DRAWING: D 2s PLAN
DRAFTED BY: T.A./B.E.		

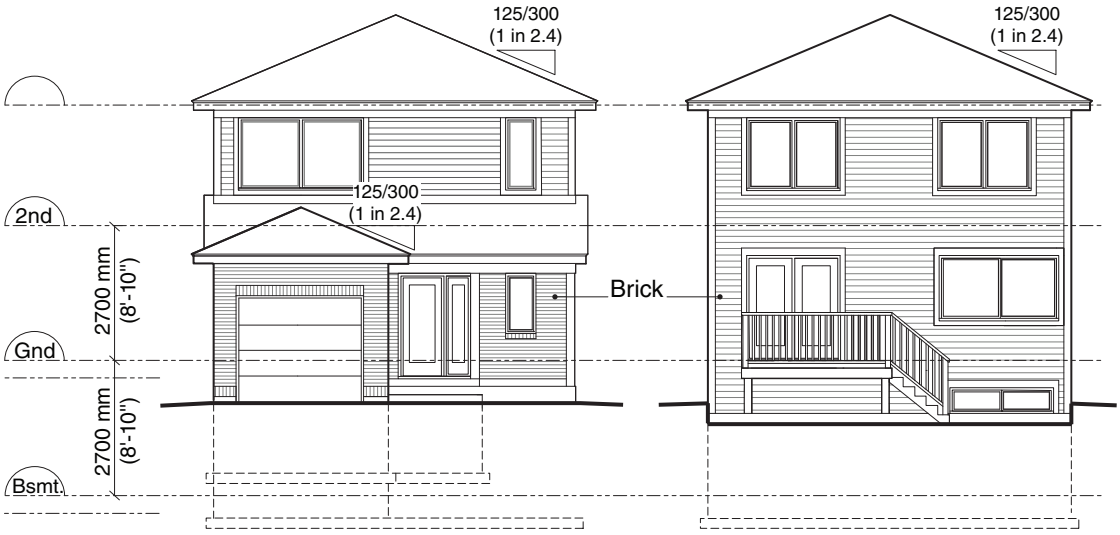


Ground floor
Net area: ±57 m² (±613 1/2 ft²)

Second floor
Net area: ±70.5 m² (±759 1/2 ft²)

Ground and second floors
Net area: ±127.5 m² (±1373 ft²)

PROJECT	Archetypes
TITLE	2-storey, detached Floor plans – ground, second
DESCRIPTION	7264 mm (23'-10") wide – Model 02
SCALE	Fit to format
DATE	March 2024
DRAWING	D 2s PLAN
DRAFTED BY	T.A./B.E.



FRONT ELEVATION REAR ELEVATION

ABBREVIATIONS:

2nd: Second floor
Bsmt.: Basement
Gnd: Ground floor
OSB: Oriented strandboard
PVC: Polyvinyl chloride
SPF: Spruce-Pine-Fir

MATERIALS:

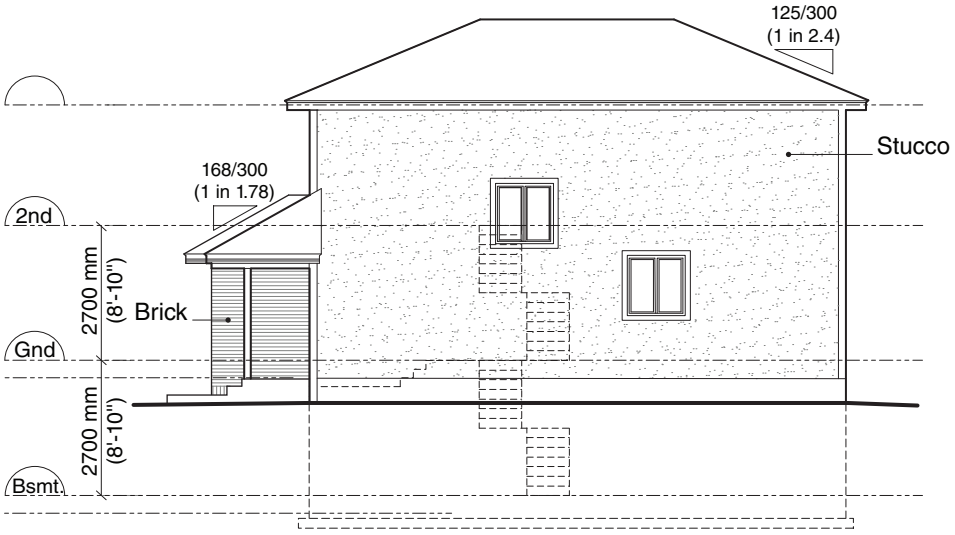
Roof: Wood roof trusses with asphalt shingles
Walls: 2 × 6 SPF #1/#2 with batt insulation, OSB exterior sheathing and PVC siding (unless otherwise indicated)
Floors: SPF #1/#2 joists or equivalent
Basement: Poured concrete wall and footings

PROJECT
Archetypes

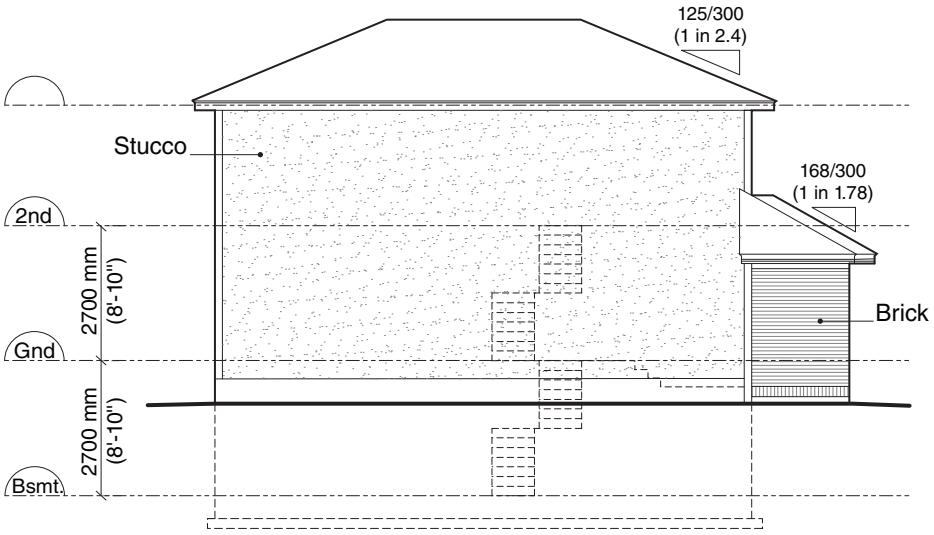
TITLE
2-storey, detached
Elevations – front, rear

DESCRIPTION
7264 mm (23'-10") wide – Model 02

SCALE	DATE	DRAWING
Fit to format	March 2024	D 2s ELEV.
DRAFTED BY		
T.A./B.E.		



RIGHT SIDE ELEVATION



LEFT SIDE ELEVATION

ABBREVIATIONS:

2nd: Second floor
Bsmt.: Basement
Gnd: Ground floor
OSB: Oriented strandboard
PVC: Polyvinyl chloride
SPF: Spruce-Pine-Fir

MATERIALS:

Roof: Wood roof trusses with asphalt shingles
Walls: 2 × 6 SPF #1/#2 with batt insulation, OSB exterior sheathing and PVC siding (unless otherwise indicated)
Floors: SPF #1/#2 joists or equivalent
Basement: Poured concrete wall and footings

PROJECT
Archetypes

TITLE
2-storey, detached
Elevations – right side, left side

DESCRIPTION
7264 mm (23'-10") wide – Model 02

SCALE	DATE	DRAWING
Fit to format	March 2024	D 2s ELEV.
DRAFTED BY		
T.A./B.E.		

RS Means Costing Data for Impact Analysis

Solid blocking
Sentence 9.23.13.5.(3) and (4)-2025
(before proposed change)
Toronto, ON

Costs based on RSMeans data

COST ESTIMATE REPORT
DATE: 05/26/2026

Estimate Name: PCF 2216 - A4 - Blocking_Current

ESTIMATE INFORMATION

Client Name:
Estimate Address: Toronto, Ontario

Type: Unit
Measurement System: US Standard

Notes:

COST DATA

Estimate Summary:

	Material	Labor	Equipment	Total*
Base Total	$ 62.60	$ 92.92	$ -	$ 155.52
Total O&P	$ 68.68	$ 148.85	$ -	$ 217.53

*"Total" column values include the cost of Exception lines that may not be included in the Material, Labor and Equipment totals.

Catalog: Residential New Construction
Format: MasterFormat 2018
Release: Year 2026 Quarter 1
Labor Type: Residential
City Cost Index: ONTARIO / TORONTO (C20)

LEGEND

Line Source:
U - User defined line item
A - Adjustment/Modifier
E - Exception lines

ESTIMATE

Quantity	LineNumber	Line Source	SubContracted Ind.	Description	Crew	Daily Output	Labor Hours	Unit	Material	Labor	Equipment	Total	Ext. Mat.	Ext. Labor	Ext. Equip.	Ext. Total	Mat. O&P	Labor O&P	Equip. O&P	Total O&P	Ext. Mat. O&P	Ext. Labor O&P	Ext. Equip. O&P	Ext. Total O&P	Labor Type	Notes
34.50	061636104610			Sheathing, oriented strand board, 7/16" thick, on walls	2 Carp	1200	0.013	S.F.	$ 0.62	$ 0.56	$ -	$ 1.18	$ 21.39	$ 19.32	$ -	$ 40.71	$ 0.68	$ 0.90	$ -	$ 1.58	$ 23.46	$ 31.05	$ -	$ 54.51	RES	
1.00	061636104610	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.08	$ -	$ 0.08	$ -	$ 2.90	$ -	$ 2.90	$ -	$ 0.14	$ -	$ 0.14	$ -	$ 4.66	$ -	$ 4.66	RES	[Adjusted by 061110408300]
1.00	061636104610	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.04	$ 0.03	$ -	$ 0.07	$ 1.28	$ 1.16	$ -	$ 2.44	$ 0.04	$ 0.05	$ -	$ 0.09	$ 1.41	$ 1.86	$ -	$ 3.27	RES	[Adjusted by 011131200090]
1.00	061636104610	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.12	$ 0.11	$ -	$ 0.23	$ 4.28	$ 3.86	$ -	$ 8.14	$ 0.14	$ 0.18	$ -	$ 0.32	$ 4.69	$ 6.21	$ -	$ 10.90	RES	[Adjusted by 012116500020]
34.50	061110022000			Miscellaneous wood blocking, to wooc construction, 2" x 4", per LF	1 Carp	250	0.032	L.F.	$ 0.82	$ 1.35	$ -	$ 2.17	$ 28.29	$ 46.58	$ -	$ 74.87	$ 0.90	$ 2.16	$ -	$ 3.06	$ 31.05	$ 74.52	$ -	$ 105.57	RES	
1.00	061110022000	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.05	$ 0.08	$ -	$ 0.13	$ 1.70	$ 2.79	$ -	$ 4.49	$ 0.05	$ 0.13	$ -	$ 0.18	$ 1.86	$ 4.47	$ -	$ 6.33	RES	[Adjusted by 011131200090]
1.00	061110022000	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.16	$ 0.27	$ -	$ 0.43	$ 5.66	$ 9.32	$ -	$ 14.98	$ 0.18	$ 0.43	$ -	$ 0.61	$ 6.21	$ 14.90	$ -	$ 21.11	RES	[Adjusted by 012116500020]
1.00	061110022000	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.20	$ -	$ 0.20	$ -	$ 6.99	$ -	$ 6.99	$ -	$ 0.32	$ -	$ 0.32	$ -	$ 11.18	$ -	$ 11.18	RES	[Adjusted by 061110408300]
Grand Total												***$ 4.49***	***$ 62.60***	***$ 92.92***	***$ -***	***$ 155.52***				***$ 6.30***	***$ 68.68***	***$ 148.85***	***$ -***	***$ 217.53***		

Solid blocking
Article 9.23.13.6.-2030
(after proposed change)
Toronto, ON

Costs based on RSMeans data

COST ESTIMATE REPORT
DATE: 05/26/2026

Estimate Name: PCF 2216 - A4 - Blocking

ESTIMATE INFORMATION

Client Name:
Estimate Address: Toronto, Ontario

Type: Unit
Measurement System: US Standard

Notes:

COST DATA

Estimate Summary:

	Material	Labor	Equipment	Total*
Base Total	$ 133.01	$ 108.97	$ -	$ 241.98
Total O&P	$ 145.63	$ 174.15	$ -	$ 319.78

*"Total" column values include the cost of Exception lines that may not be included in the Material, Labor and Equipment totals.

Catalog: Residential New Construction
Format: MasterFormat 2018
Release: Year 2026 Quarter 1
Labor Type: Residential
City Cost Index: ONTARIO / TORONTO (C20)

LEGEND

Line Source:
U - User defined line item
A - Adjustment/Modifier
E - Exception lines

ESTIMATE

Quantity	LineNumber	Line Source	SubContracted Ind.	Description	Crew	Daily Output	Labor Hours	Unit	Material	Labor	Equipment	Total	Ext. Mat.	Ext. Labor	Ext. Equip.	Ext. Total	Mat. O&P	Labor O&P	Equip. O&P	Total O&P	Ext. Mat. O&P	Ext. Labor O&P	Ext. Equip. O&P	Ext. Total O&P	Labor Type	Notes
34.50	061110022200			Miscellaneous wood blocking, to wood construction, 2" x 12"	1 Carp	151	0.053	L.F.	$ 3.06	$ 2.24	$ -	$ 5.30	$ 105.57	$ 77.28	$ -	$ 182.85	$ 3.35	$ 3.58	$ -	$ 6.93	$ 115.58	$ 123.51	$ -	$ 239.09	RES	- Calculated blocking length in units of 600, 1200, 1800 etc., so where the BWP is 750 mm long, I assume 1200 mm of blocking required. - Added 15% for waste and rounded up
1.00	061110022200	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.18	$ 0.13	$ -	$ 0.31	$ 6.33	$ 4.64	$ -	$ 10.97	$ 0.20	$ 0.21	$ -	$ 0.41	$ 6.93	$ 7.41	$ -	$ 14.34	RES	[Adjusted by 01113120090]
1.00	061110022200	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.34	$ -	$ 0.34	$ -	$ 11.59	$ -	$ 11.59	$ -	$ 0.54	$ -	$ 0.54	$ -	$ 18.53	$ -	$ 18.53	RES	[Adjusted by 061110408300]
1.00	061110022200	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.61	$ 0.45	$ -	$ 1.06	$ 21.11	$ 15.46	$ -	$ 36.57	$ 0.67	$ 0.72	$ -	$ 1.39	$ 23.12	$ 24.70	$ -	$ 47.82	RES	[Adjusted by 012116500020]
Grand Total												***$ 7.01***	***$ 133.01***	***$ 108.97***	***$ -***	***$ 241.98***				***$ 9.27***	***$ 145.63***	***$ 174.15***	***$ -***	***$ 319.78***		

Blocking panels
Sentence 9.23.13.5.(3) and (4)-2025
(before proposed change)
Toronto, ON

Costs based on RSMeans data

COST ESTIMATE REPORT
DATE: 05/26/2026

Estimate Name: PCF 2216 - A4 - Blocking Panels_Current

ESTIMATE INFORMATION

Client Name:
Estimate Address: Toronto, Ontario

Type: Unit
Measurement System: US Standard

Notes:

COST DATA

Estimate Summary:

	Material	Labor	Equipment	Total*
Base Total	$ 157.37	$ 95.36	$ -	$ 252.73
Total O&P	$ 172.13	$ 153.25	$ -	$ 325.38

*"Total" column values include the cost of Exception lines that may not be included in the Material, Labor and Equipment totals.

Catalog: Residential New Construction
Format: MasterFormat 2018
Release: Year 2026 Quarter 1
Labor Type: Residential
City Cost Index: ONTARIO / TORONTO (C20)

LEGEND

Line Source:
U - User defined line item
A - Adjustment/Modifier
E - Exception lines

ESTIMATE

Quantity	LineNumber	Line Source	SubContracted Ind.	Description	Crew	Daily Output	Labor Hours	Unit	Material	Labor	Equipment	Total	Ext. Mat.	Ext. Labor	Ext. Equip.	Ext. Total	Mat. O&P	Labor O&P	Equip. O&P	Total O&P	Ext. Mat. O&P	Ext. Labor O&P	Ext. Equip. O&P	Ext. Total O&P	Labor Type	Notes
69.00	061636104740			Sheathing, oriented strand board, factory laminated water resistant barrier, 7/16" thick, on walls	2 Carp	1200	0.013	S.F.	$ 1.40	$ 0.56	$ -	$ 1.96	$ 96.60	$ 38.64	$ -	$ 135.24	$ 1.53	$ 0.90	$ -	$ 2.43	$ 105.57	$ 62.10	$ -	$ 167.67	RES	
1.00	061636104740	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.08	$ -	$ 0.08	$ -	$ 5.80	$ -	$ 5.80	$ -	$ 0.14	$ -	$ 0.14	$ -	$ 9.32	$ -	$ 9.32	RES	[Adjusted by 06111040830O]
1.00	061636104740	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.28	$ 0.11	$ -	$ 0.39	$ 19.32	$ 7.73	$ -	$ 27.05	$ 0.31	$ 0.18	$ -	$ 0.49	$ 21.11	$ 12.42	$ -	$ 33.53	RES	[Adjusted by 012116500020]
1.00	061636104740	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.08	$ 0.03	$ -	$ 0.11	$ 5.80	$ 2.32	$ -	$ 8.12	$ 0.09	$ 0.05	$ -	$ 0.14	$ 6.33	$ 3.73	$ -	$ 10.06	RES	[Adjusted by 011131200090]
34.50	061110405022			Wall framing, plates, untreated, 2" x 4"	2 Carp	800	0.02	L.F.	$ 0.82	$ 0.84	$ -	$ 1.66	$ 28.29	$ 28.98	$ -	$ 57.27	$ 0.90	$ 1.35	$ -	$ 2.25	$ 31.05	$ 46.58	$ -	$ 77.63	RES	
1.00	061110405022	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.13	$ -	$ 0.13	$ -	$ 4.35	$ -	$ 4.35	$ -	$ 0.20	$ -	$ 0.20	$ -	$ 6.99	$ -	$ 6.99	RES	[Adjusted by 06111040830O]
1.00	061110405022	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.16	$ 0.17	$ -	$ 0.33	$ 5.66	$ 5.80	$ -	$ 11.46	$ 0.18	$ 0.27	$ -	$ 0.45	$ 6.21	$ 9.32	$ -	$ 15.53	RES	[Adjusted by 012116500020]
1.00	061110405022	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.05	$ 0.05	$ -	$ 0.10	$ 1.70	$ 1.74	$ -	$ 3.44	$ 0.05	$ 0.08	$ -	$ 0.13	$ 1.86	$ 2.79	$ -	$ 4.65	RES	[Adjusted by 011131200090]
Grand Total												***$ 4.76***	***$ 157.37***	***$ 95.36***	***$ -***	***$ 252.73***				***$ 6.23***	***$ 172.13***	***$ 153.25***	***$ -***	***$ 325.38***		

Blocking panels
Article 9.23.13.6.-2030
(after proposed change)
Toronto, ON

Costs based on RSMeans data

COST ESTIMATE REPORT
DATE: 05/26/2026

Estimate Name: PCF 2216 - A4 - Blocking Panels

ESTIMATE INFORMATION

Client Name:
Estimate Address: Toronto, Ontario

Type: Unit
Measurement System: US Standard

Notes:

COST DATA

Estimate Summary:

	Material	Labor	Equipment	Total*
Base Total	$ 264.30	$ 244.01	$ -	$ 508.31
Total O&P	$ 289.51	$ 391.05	$ -	$ 680.56

*"Total" column values include the cost of Exception lines that may not be included in the Material, Labor and Equipment totals.

Catalog: Residential New Construction
Format: MasterFormat 2018
Release: Year 2026 Quarter 1
Labor Type: Residential
City Cost Index: ONTARIO / TORONTO (C20)

LEGEND

Line Source:
U - User defined line item
A - Adjustment/Modifier
E - Exception lines

ESTIMATE

Quantity	LineNumber	Line Source	SubContracted Ind.	Description	Crew	Daily Output	Labor Hours	Unit	Material	Labor	Equipment	Total	Ext. Mat.	Ext. Labor	Ext. Equip.	Ext. Total	Mat. O&P	Labor O&P	Equip. O&P	Total O&P	Ext. Mat. O&P	Ext. Labor O&P	Ext. Equip. O&P	Ext. Total O&P	Labor Type	Notes
69.00	061636104740			Sheathing, oriented strand board, factory laminated water resistant barrier, 7/16" thick, on walls	2 Carp	1200	0.013	S.F.	$ 1.40	$ 0.56	$ -	$ 1.96	$ 96.60	$ 38.64	$ -	$ 135.24	$ 1.53	$ 0.90	$ -	$ 2.43	$ 105.57	$ 62.10	$ -	$ 167.67	RES	
1.00	061636104740	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.08	$ -	$ 0.08	$ -	$ 5.80	$ -	$ 5.80	$ -	$ 0.14	$ -	$ 0.14	$ -	$ 9.32	$ -	$ 9.32	RES	[Adjusted by 061110408300]
1.00	061636104740	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.28	$ 0.11	$ -	$ 0.39	$ 19.32	$ 7.73	$ -	$ 27.05	$ 0.31	$ 0.18	$ -	$ 0.49	$ 21.11	$ 12.42	$ -	$ 33.53	RES	[Adjusted by 012116500020]
1.00	061636104740	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.08	$ 0.03	$ -	$ 0.11	$ 5.80	$ 2.32	$ -	$ 8.12	$ 0.09	$ 0.05	$ -	$ 0.14	$ 6.33	$ 3.73	$ -	$ 10.06	RES	[Adjusted by 011131200090]
69.00	061110405781			Wall framing, studs, installed on dormer or gable, 2" x 4", 3' high wall	2 Carp	545	0.029	L.F.	$ 0.82	$ 1.24	$ -	$ 2.06	$ 56.58	$ 85.56	$ -	$ 142.14	$ 0.90	$ 1.98	$ -	$ 2.88	$ 62.10	$ 136.62	$ -	$ 198.72	RES	
1.00	061110405781	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.16	$ 0.25	$ -	$ 0.41	$ 11.32	$ 17.11	$ -	$ 28.43	$ 0.18	$ 0.40	$ -	$ 0.58	$ 12.42	$ 27.32	$ -	$ 39.74	RES	[Adjusted by 012116500020]
1.00	061110405781	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.05	$ 0.07	$ -	$ 0.12	$ 3.39	$ 5.13	$ -	$ 8.52	$ 0.05	$ 0.12	$ -	$ 0.17	$ 3.73	$ 8.20	$ -	$ 11.93	RES	[Adjusted by 011131200090]
69.00	061110405022			Wall framing, plates, untreated, 2" x 4"	2 Carp	800	0.02	L.F.	$ 0.82	$ 0.84	$ -	$ 1.66	$ 56.58	$ 57.96	$ -	$ 114.54	$ 0.90	$ 1.35	$ -	$ 2.25	$ 62.10	$ 93.15	$ -	$ 155.25	RES	
1.00	061110405022	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.13	$ -	$ 0.13	$ -	$ 8.69	$ -	$ 8.69	$ -	$ 0.20	$ -	$ 0.20	$ -	$ 13.97	$ -	$ 13.97	RES	[Adjusted by 061110408300]
1.00	061110405022	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.16	$ 0.17	$ -	$ 0.33	$ 11.32	$ 11.59	$ -	$ 22.91	$ 0.18	$ 0.27	$ -	$ 0.45	$ 12.42	$ 18.63	$ -	$ 31.05	RES	[Adjusted by 012116500020]
1.00	061110405022	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.05	$ 0.05	$ -	$ 0.10	$ 3.39	$ 3.48	$ -	$ 6.87	$ 0.05	$ 0.08	$ -	$ 0.13	$ 3.73	$ 5.59	$ -	$ 9.32	RES	[Adjusted by 011131200090]
Grand Total												***$ 7.35***	***$ 264.30***	***$ 244.01***	***$ -***	***$ 508.31***				***$ 9.86***	***$ 289.51***	***$ 391.05***	***$ -***	***$ 680.56***		

Solid blocking
Sentence 9.23.13.5.(3) and (4)-2025
(before proposed change)
Victoria, BC

Costs based on RSMeans data

COST ESTIMATE REPORT
DATE: 05/26/2026

Estimate Name: PCF 2216 - A4 - Blocking_Current

ESTIMATE INFORMATION

Client Name:
Estimate Address: Victoria, British Columbia
Type: Unit
Measurement System: US Standard
Notes:

COST DATA

Estimate Summary:

	Material	Labor	Equipment	Total*
Base Total	$ 104.63	$ 122.73	$ -	$ 227.36
Total O&P	$ 114.60	$ 196.26	$ -	$ 310.86

*"Total" column values include the cost of Exception lines that may not be included in the Material, Labor and Equipment totals.

Catalog: Residential New Construction
Format: MasterFormat 2018
Release: Year 2026 Quarter 1
Labor Type: Residential
City Cost Index: BRITISH COLUMBIA / VICTORIA (C37)

LEGEND

Line Source:
U - User defined line item
A - Adjustment/Modifier
E - Exception lines

ESTIMATE

Quantity	LineNumber	Line Source	SubContracted Ind.	Description	Crew	Daily Output	Labor Hours	Unit	Material	Labor	Equipment	Total	Ext. Mat.	Ext. Labor	Ext. Equip.	Ext. Total	Mat. O&P	Labor O&P	Equip. O&P	Total O&P	Ext. Mat. O&P	Ext. Labor O&P	Ext. Equip. O&P	Ext. Total O&P	Labor Type	Notes
51.00	061110022000			Miscellaneous wood blocking, to wooc construction, 2" x 4", per LF	1 Carp	250	0.032	L.F.	$ 0.84	$ 1.11	$ -	$ 1.95	$ 42.84	$ 56.61	$ -	$ 99.45	$ 0.92	$ 1.77	$ -	$ 2.69	$ 46.92	$ 90.27	$ -	$ 137.19	RES	
1.00	061110022000	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.17	$ -	$ 0.17	$ -	$ 8.49	$ -	$ 8.49	$ -	$ 0.27	$ -	$ 0.27	$ -	$ 13.54	$ -	$ 13.54	RES	[Adjusted by 061110408300]
1.00	061110022000	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.17	$ 0.22	$ -	$ 0.39	$ 8.57	$ 11.32	$ -	$ 19.89	$ 0.18	$ 0.35	$ -	$ 0.53	$ 9.38	$ 18.05	$ -	$ 27.43	RES	[Adjusted by 012116500020]
1.00	061110022000	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.05	$ 0.07	$ -	$ 0.12	$ 2.57	$ 3.40	$ -	$ 5.97	$ 0.06	$ 0.11	$ -	$ 0.17	$ 2.82	$ 5.42	$ -	$ 8.24	RES	[Adjusted by 011131200090]
58.00	061636104610			Sheathing, oriented strand board, 7/16" thick, on walls	2 Carp	1200	0.013	S.F.	$ 0.63	$ 0.46	$ -	$ 1.09	$ 36.54	$ 26.68	$ -	$ 63.22	$ 0.69	$ 0.74	$ -	$ 1.43	$ 40.02	$ 42.92	$ -	$ 82.94	RES	
1.00	061636104610	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.13	$ 0.09	$ -	$ 0.22	$ 7.31	$ 5.34	$ -	$ 12.65	$ 0.14	$ 0.15	$ -	$ 0.29	$ 8.00	$ 8.58	$ -	$ 16.58	RES	[Adjusted by 012116500020]
1.00	061636104610	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.04	$ 0.03	$ -	$ 0.07	$ 2.19	$ 1.60	$ -	$ 3.79	$ 0.04	$ 0.04	$ -	$ 0.08	$ 2.40	$ 2.58	$ -	$ 4.98	RES	[Adjusted by 011131200090]
1.00	061636104610	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.07	$ -	$ 0.07	$ -	$ 4.00	$ -	$ 4.00	$ -	$ 0.11	$ -	$ 0.11	$ -	$ 6.44	$ -	$ 6.44	RES	[Adjusted by 061110408300]
3.00	061110022050			Miscellaneous wood blocking, to wooc construction, 2" x 6"	1 Carp	222	0.036	L.F.	$ 1.22	$ 1.25	$ -	$ 2.47	$ 3.66	$ 3.75	$ -	$ 7.41	$ 1.34	$ 2.00	$ -	$ 3.34	$ 4.02	$ 6.00	$ -	$ 10.02	RES	
1.00	061110022050	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.19	$ -	$ 0.19	$ -	$ 0.56	$ -	$ 0.56	$ -	$ 0.30	$ -	$ 0.30	$ -	$ 0.90	$ -	$ 0.90	RES	[Adjusted by 061110408300]
1.00	061110022050	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.24	$ 0.25	$ -	$ 0.49	$ 0.73	$ 0.75	$ -	$ 1.48	$ 0.27	$ 0.40	$ -	$ 0.67	$ 0.80	$ 1.20	$ -	$ 2.00	RES	[Adjusted by 012116500020]
1.00	061110022050	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.07	$ 0.07	$ -	$ 0.14	$ 0.22	$ 0.23	$ -	$ 0.45	$ 0.08	$ 0.12	$ -	$ 0.20	$ 0.24	$ 0.36	$ -	$ 0.60	RES	[Adjusted by 011131200090]
Grand Total									***$ 7.37***	***$ 104.63***	***$ 122.73***	***$ - ***	***$ 227.36***							***$ 10.08***	***$ 114.60***	***$ 196.26***	***$ - ***	***$ 310.86***		

Solid blocking
Article 9.23.13.6.-2030
(after proposed change)
Victoria, BC

Costs based on RSMeans data

COST ESTIMATE REPORT
DATE: 05/26/2026

Estimate Name: PCF 2216 - A4 - Blocking

ESTIMATE INFORMATION

Client Name:
Estimate Address: Victoria, British Columbia
Type: Unit
Measurement System: US Standard
Notes:

COST DATA

Estimate Summary:

	Material	Labor	Equipment	Total*
Base Total	$ 233.05	$ 166.66	$ -	$ 399.71
Total O&P	$ 255.48	$ 265.73	$ -	$ 521.21

*"Total" column values include the cost of Exception lines that may not be included in the Material, Labor and Equipment totals.

Catalog: Residential New Construction
Format: MasterFormat 2018
Release: Year 2026 Quarter 1
Labor Type: Residential
City Cost Index: BRITISH COLUMBIA / VICTORIA (C37)

LEGEND

Line Source:
U - User defined line item
A - Adjustment/Modifier
E - Exception lines

ESTIMATE

Quantity	LineNumber	Line Source	SubContracted Ind.	Description	Crew	Daily Output	Labor Hours	Unit	Material	Labor	Equipment	Total	Ext. Mat.	Ext. Labor	Ext. Equip.	Ext. Total	Mat. O&P	Labor O&P	Equip. O&P	Total O&P	Ext. Mat. O&P	Ext. Labor O&P	Ext. Equip. O&P	Ext. Total O&P	Labor Type	Notes
51.00	061110022200			Miscellaneous wood blocking, to wood construction, 2" x 12"	CARP	151	0.053	L.F.	$ 3.11	$ 1.84	$ -	$ 4.95	$ 158.61	$ 93.84	$ -	$ 252.45	$ 3.41	$ 2.93	$ -	$ 6.34	$ 173.91	$ 149.43	$ -	$ 323.34	RES	- Calculated blocking length in units of 600, 1200, 1800 etc., so where the BWP is 750 mm long, I assume 1200 mm of blocking required. - Added 15% for waste and rounded up
1.00	061110022200	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.19	$ 0.11	$ -	$ 0.30	$ 9.52	$ 5.63	$ -	$ 15.15	$ 0.20	$ 0.18	$ -	$ 0.38	$ 10.43	$ 8.97	$ -	$ 19.40	RES	[Adjusted by 011131200090]
1.00	061110022200	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.62	$ 0.37	$ -	$ 0.99	$ 31.72	$ 18.77	$ -	$ 50.49	$ 0.68	$ 0.59	$ -	$ 1.27	$ 34.78	$ 29.89	$ -	$ 64.67	RES	[Adjusted by 012116500020]
1.00	061110022200	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.28	$ -	$ 0.28	$ -	$ 14.08	$ -	$ 14.08	$ -	$ 0.44	$ -	$ 0.44	$ -	$ 22.41	$ -	$ 22.41	RES	[Adjusted by 061110408300]
14.00	061110405781			Wall framing, studs, installed on dormer or gable, 2" x 4", 3' high wall	2 Carp	545	0.029	L.F.	$ 0.84	$ 1.02	$ -	$ 1.86	$ 11.76	$ 14.28	$ -	$ 26.04	$ 0.92	$ 1.63	$ -	$ 2.55	$ 12.88	$ 22.82	$ -	$ 35.70	RES	
1.00	061110405781	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.05	$ 0.06	$ -	$ 0.11	$ 0.71	$ 0.86	$ -	$ 1.57	$ 0.06	$ 0.10	$ -	$ 0.16	$ 0.77	$ 1.37	$ -	$ 2.14	RES	[Adjusted by 011131200090]
1.00	061110405781	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.17	$ 0.20	$ -	$ 0.37	$ 2.35	$ 2.86	$ -	$ 5.21	$ 0.18	$ 0.33	$ -	$ 0.51	$ 2.58	$ 4.56	$ -	$ 7.14	RES	[Adjusted by 012116500020]
1.00	061110405781	A		Construction management fees, for work to $100,000		0	0	Project	$ 0.08	$ 0.10	$ -	$ 0.18	$ 1.18	$ 1.43	$ -	$ 2.61	$ 0.09	$ 0.16	$ -	$ 0.25	$ 1.29	$ 2.28	$ -	$ 3.57	RES	[Adjusted by 011131200060]
8.00	061110405022			Wall framing, plates, untreated, 2" x 4"	2 Carp	800	0.02	L.F.	$ 0.84	$ 0.69	$ -	$ 1.53	$ 6.72	$ 5.52	$ -	$ 12.24	$ 0.92	$ 1.11	$ -	$ 2.03	$ 7.36	$ 8.88	$ -	$ 16.24	RES	
1.00	061110405022	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.05	$ 0.04	$ -	$ 0.09	$ 0.40	$ 0.33	$ -	$ 0.73	$ 0.06	$ 0.07	$ -	$ 0.13	$ 0.44	$ 0.53	$ -	$ 0.97	RES	[Adjusted by 011131200090]
1.00	061110405022	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.17	$ 0.14	$ -	$ 0.31	$ 1.34	$ 1.10	$ -	$ 2.44	$ 0.18	$ 0.22	$ -	$ 0.40	$ 1.47	$ 1.78	$ -	$ 3.25	RES	[Adjusted by 012116500020]
1.00	061110405022	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.10	$ -	$ 0.10	$ -	$ 0.83	$ -	$ 0.83	$ -	$ 0.17	$ -	$ 0.17	$ -	$ 1.33	$ -	$ 1.33	RES	[Adjusted by 061110408300]
11.00	061636104610			Sheathing, oriented strand board, 7/16" thick, on walls	2 Carp	1200	0.013	S.F.	$ 0.63	$ 0.46	$ -	$ 1.09	$ 6.93	$ 5.06	$ -	$ 11.99	$ 0.69	$ 0.74	$ -	$ 1.43	$ 7.59	$ 8.14	$ -	$ 15.73	RES	Assumed at least 1/2 sheet of OSB after waste
1.00	061636104610	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.04	$ 0.03	$ -	$ 0.07	$ 0.42	$ 0.30	$ -	$ 0.72	$ 0.04	$ 0.04	$ -	$ 0.08	$ 0.46	$ 0.49	$ -	$ 0.95	RES	[Adjusted by 011131200090]
1.00	061636104610	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.13	$ 0.09	$ -	$ 0.22	$ 1.39	$ 1.01	$ -	$ 2.40	$ 0.14	$ 0.15	$ -	$ 0.29	$ 1.52	$ 1.63	$ -	$ 3.15	RES	[Adjusted by 012116500020]
1.00	061636104610	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.07	$ -	$ 0.07	$ -	$ 0.76	$ -	$ 0.76	$ -	$ 0.11	$ -	$ 0.11	$ -	$ 1.22	$ -	$ 1.22	RES	[Adjusted by 061110408300]
Grand Total												***$ 12.52***	***$ 233.05***	***$ 166.66***	***$ -***	***$ 399.71***				***$ 16.54***	***$ 255.48***	***$ 265.73***	***$ -***	***$ 521.21***		

Blocking panels
Sentence 9.23.13.5.(3) and (4)-2025
(before proposed change)
Victoria, BC

Costs based on RSMeans data

COST ESTIMATE REPORT
DATE: 05/26/2026

Estimate Name: PCF 2216 - A4 - Blocking Panels_Current

ESTIMATE INFORMATION

Client Name:
Estimate Address: Victoria, British Columbia
Type: Unit
Measurement System: US Standard
Notes:

COST DATA

Estimate Summary:

	Material	Labor	Equipment	Total*
Base Total	$ 152.26	$ 161.65	$ -	$ 313.91
Total O&P	$ 166.77	$ 258.86	$ -	$ 425.63

*"Total" column values include the cost of Exception lines that may not be included in the Material, Labor and Equipment totals.

Catalog: Residential New Construction
Format: MasterFormat 2018
Release: Year 2026 Quarter 1
Labor Type: Residential
City Cost Index: BRITISH COLUMBIA / VICTORIA (C37)

LEGEND

Line Source:
U - User defined line item
A - Adjustment/Modifier
E - Exception lines

ESTIMATE

Quantity	LineNumber	Line Source	SubContracted Ind.	Description	Crew	Daily Output	Labor Hours	Unit	Material	Labor	Equipment	Total	Ext. Mat.	Ext. Labor	Ext. Equip.	Ext. Total	Mat. O&P	Labor O&P	Equip. O&P	Total O&P	Ext. Mat. O&P	Ext. Labor O&P	Ext. Equip. O&P	Ext. Total O&P	Labor Type	Notes
3.00	061110022050			Miscellaneous wood blocking, to wooc construction, 2" x 6"	1 Carp	222	0.036	L.F.	$ 1.22	$ 1.25	$ -	$ 2.47	$ 3.66	$ 3.75	$ -	$ 7.41	$ 1.34	$ 2.00	$ -	$ 3.34	$ 4.02	$ 6.00	$ -	$ 10.02	RES	
1.00	061110022050	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.24	$ 0.25	$ -	$ 0.49	$ 0.73	$ 0.75	$ -	$ 1.48	$ 0.27	$ 0.40	$ -	$ 0.67	$ 0.80	$ 1.20	$ -	$ 2.00	RES	[Adjusted by 012116500020]
1.00	061110022050	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.07	$ 0.07	$ -	$ 0.14	$ 0.22	$ 0.23	$ -	$ 0.45	$ 0.08	$ 0.12	$ -	$ 0.20	$ 0.24	$ 0.36	$ -	$ 0.60	RES	[Adjusted by 011131200090]
1.00	061110022050	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.19	$ -	$ 0.19	$ -	$ 0.56	$ -	$ 0.56	$ -	$ 0.30	$ -	$ 0.30	$ -	$ 0.90	$ -	$ 0.90	RES	[Adjusted by 061110408300]
51.00	061110022000			Miscellaneous wood blocking, to wooc construction, 2" x 4", per LF	1 Carp	250	0.032	L.F.	$ 0.84	$ 1.11	$ -	$ 1.95	$ 42.84	$ 56.61	$ -	$ 99.45	$ 0.92	$ 1.77	$ -	$ 2.69	$ 46.92	$ 90.27	$ -	$ 137.19	RES	
1.00	061110022000	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.17	$ -	$ 0.17	$ -	$ 8.49	$ -	$ 8.49	$ -	$ 0.27	$ -	$ 0.27	$ -	$ 13.54	$ -	$ 13.54	RES	[Adjusted by 061110408300]
1.00	061110022000	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.05	$ 0.07	$ -	$ 0.12	$ 2.57	$ 3.40	$ -	$ 5.97	$ 0.06	$ 0.11	$ -	$ 0.17	$ 2.82	$ 5.42	$ -	$ 8.24	RES	[Adjusted by 011131200090]
1.00	061110022000	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.17	$ 0.22	$ -	$ 0.39	$ 8.57	$ 11.32	$ -	$ 19.89	$ 0.18	$ 0.35	$ -	$ 0.53	$ 9.38	$ 18.05	$ -	$ 27.43	RES	[Adjusted by 012116500020]
118.00	061636104610			Sheathing, oriented strand board, 7/16" thick, on walls	2 Carp	1200	0.013	S.F.	$ 0.63	$ 0.46	$ -	$ 1.09	$ 74.34	$ 54.28	$ -	$ 128.62	$ 0.69	$ 0.74	$ -	$ 1.43	$ 81.42	$ 87.32	$ -	$ 168.74	RES	
1.00	061636104610	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.13	$ 0.09	$ -	$ 0.22	$ 14.87	$ 10.86	$ -	$ 25.73	$ 0.14	$ 0.15	$ -	$ 0.29	$ 16.28	$ 17.46	$ -	$ 33.74	RES	[Adjusted by 012116500020]
1.00	061636104610	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.04	$ 0.03	$ -	$ 0.07	$ 4.46	$ 3.26	$ -	$ 7.72	$ 0.04	$ 0.04	$ -	$ 0.08	$ 4.89	$ 5.24	$ -	$ 10.13	RES	[Adjusted by 011131200090]
1.00	061636104610	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.07	$ -	$ 0.07	$ -	$ 8.14	$ -	$ 8.14	$ -	$ 0.11	$ -	$ 0.11	$ -	$ 13.10	$ -	$ 13.10	RES	[Adjusted by 061110408300]
Grand Total									***$ 7.37***	***$ 152.26***	***$ 161.65***	***$ - $ 313.91***								***$ 10.08***	***$ 166.77***	***$ 258.86***	***$ - $ 425.63***		

Blocking panels
Article 9.23.13.6.-2030
(after proposed change)
Victoria, BC

Costs based on RSMeans data

COST ESTIMATE REPORT
DATE: 05/26/2026

Estimate Name: PCF 2216 - A4 - Blocking Panels Article 9.23.13.6.-2030

ESTIMATE INFORMATION

Client Name:
Estimate Address: Victoria, British Columbia
Type: Unit
Measurement System: US Standard
Notes:

COST DATA

Estimate Summary:

	Material	Labor	Equipment	Total*
Base Total	$ 437.47	$ 326.48	$ -	$ 763.95
Total O&P	$ 479.81	$ 523.65	$ -	$ 1,003.46

*"Total" column values include the cost of Exception lines that may not be included in the Material, Labor and Equipment totals.

Catalog: Residential New Construction
Format: MasterFormat 2018
Release: Year 2026 Quarter 1
Labor Type: Residential
City Cost Index: BRITISH COLUMBIA / VICTORIA (C37)

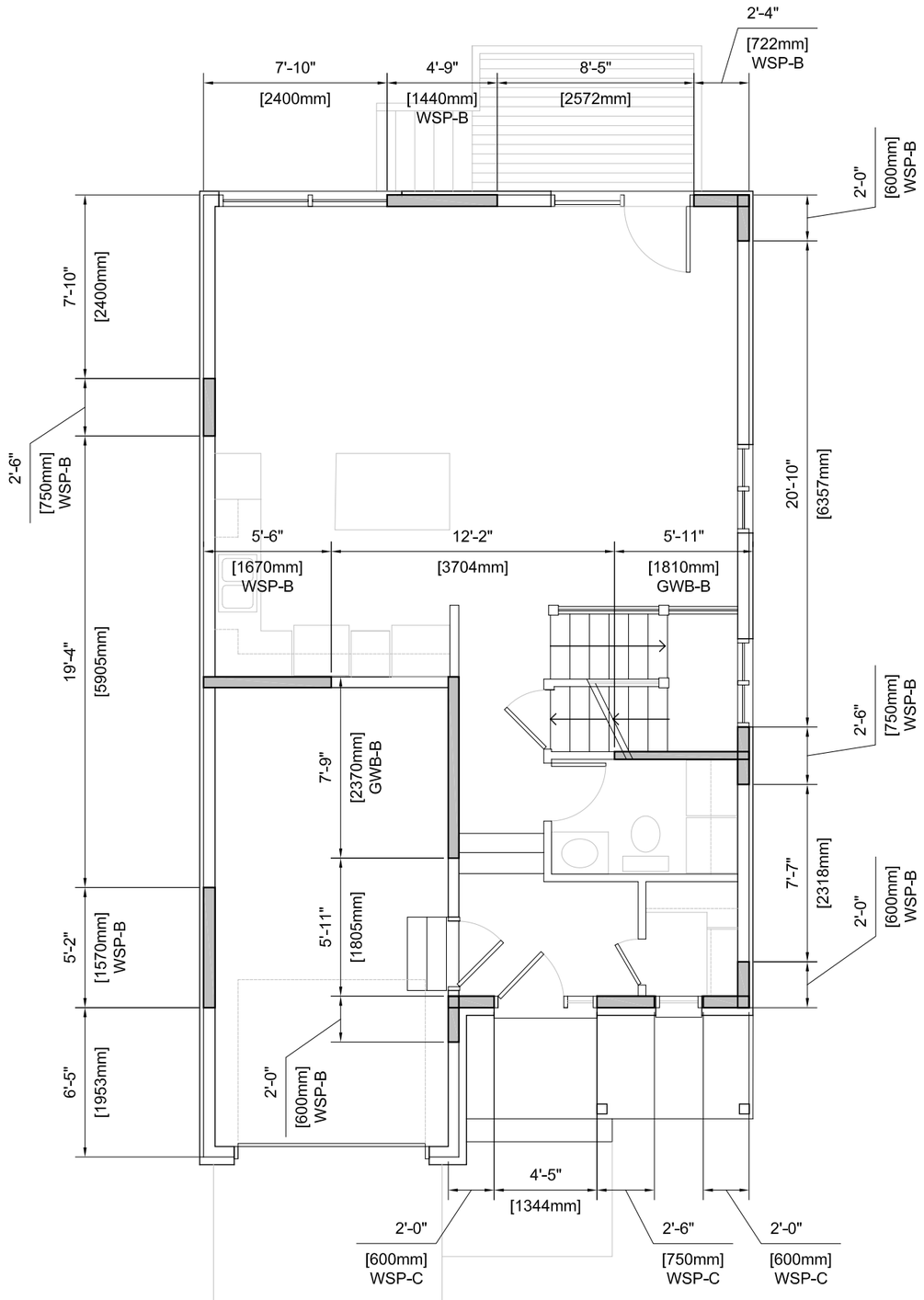
LEGEND

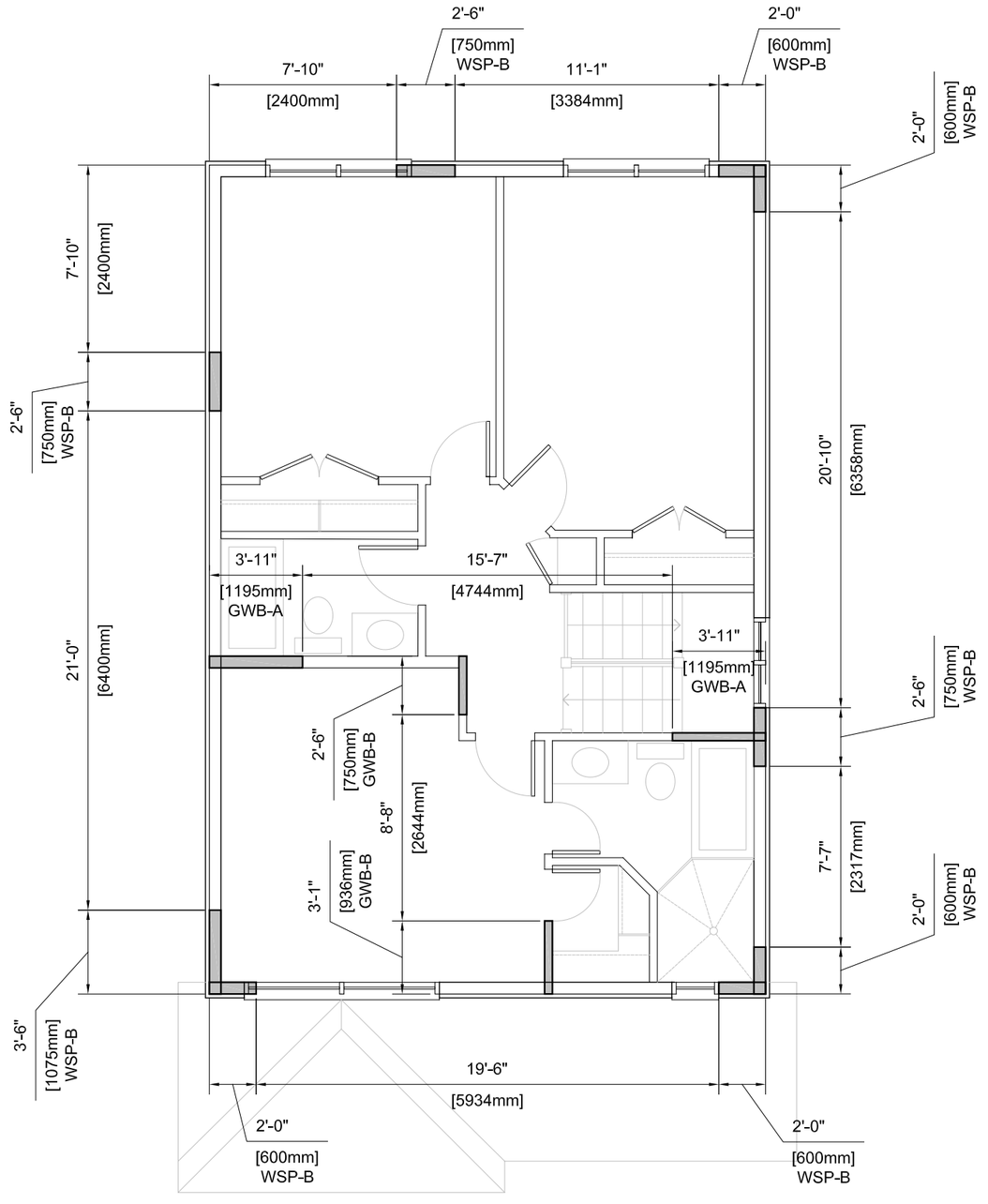
Line Source:
U - User defined line item
A - Adjustment/Modifier
E - Exception lines

ESTIMATE

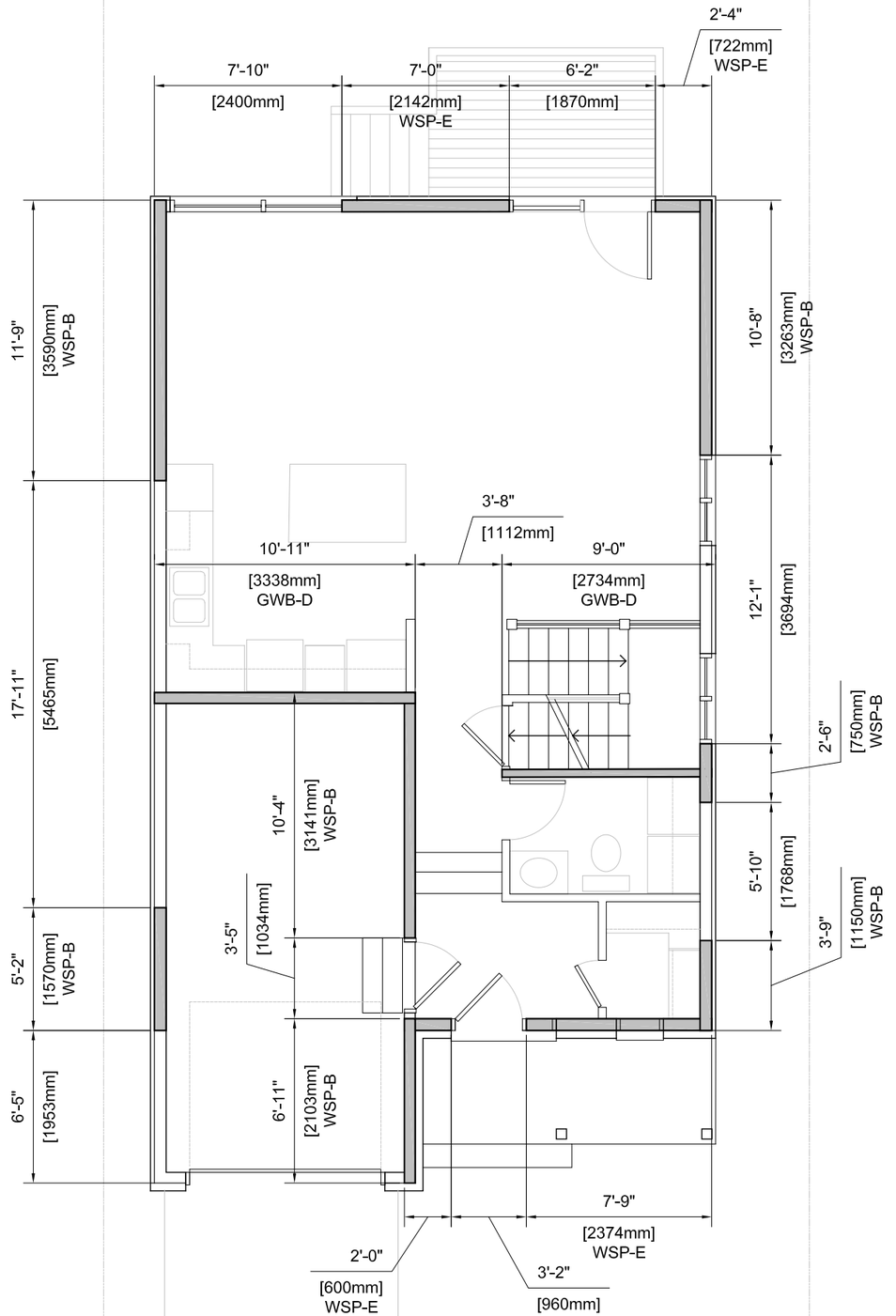
Quantity	LineNumber	Line Source	SubContracted Ind.	Description	Crew	Daily Output	Labor Hours	Unit	Material	Labor	Equipment	Total	Ext. Mat.	Ext. Labor	Ext. Equip.	Ext. Total	Mat. O&P	Labor O&P	Equip. O&P	Total O&P	Ext. Mat. O&P	Ext. Labor O&P	Ext. Equip. O&P	Ext. Total O&P	Labor Type	Notes
109.00	061110405022			Wall framing, plates, untreated, 2" x 4"	CARP	800	0.02	L.F.	$ 0.84	$ 0.69	$ -	$ 1.53	$ 91.56	$ 75.21	$ -	$ 166.77	$ 0.92	$ 1.11	$ -	$ 2.03	$ 100.28	$ 120.99	$ -	$ 221.27	RES	
1.00	061110405022	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.05	$ 0.04	$ -	$ 0.09	$ 5.49	$ 4.51	$ -	$ 10.00	$ 0.06	$ 0.07	$ -	$ 0.13	$ 6.02	$ 7.26	$ -	$ 13.28	RES	[Adjusted by 011131200090]
1.00	061110405022	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.17	$ 0.14	$ -	$ 0.31	$ 18.31	$ 15.04	$ -	$ 33.35	$ 0.18	$ 0.22	$ -	$ 0.40	$ 20.06	$ 24.20	$ -	$ 44.26	RES	[Adjusted by 012116500020]
1.00	061110405022	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.10	$ -	$ 0.10	$ -	$ 11.28	$ -	$ 11.28	$ -	$ 0.17	$ -	$ 0.17	$ -	$ 18.15	$ -	$ 18.15	RES	[Adjusted by 061110408300]
115.00	061110405781			Wall framing, studs, installed on dormer or gable, 2" x 4", 3' high wall	CARP	545	0.029	L.F.	$ 0.84	$ 1.02	$ -	$ 1.86	$ 96.60	$ 117.30	$ -	$ 213.90	$ 0.92	$ 1.63	$ -	$ 2.55	$ 105.80	$ 187.45	$ -	$ 293.25	RES	
1.00	061110405781	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.05	$ 0.06	$ -	$ 0.11	$ 5.80	$ 7.04	$ -	$ 12.84	$ 0.06	$ 0.10	$ -	$ 0.16	$ 6.35	$ 11.25	$ -	$ 17.60	RES	[Adjusted by 011131200090]
1.00	061110405781	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.17	$ 0.20	$ -	$ 0.37	$ 19.32	$ 23.46	$ -	$ 42.78	$ 0.18	$ 0.33	$ -	$ 0.51	$ 21.16	$ 37.49	$ -	$ 58.65	RES	[Adjusted by 012116500020]
112.00	06163610740			Sheathing, oriented strand board, factory laminated water resistant barrier, 7/16" thick, on walls	CARP	1200	0.013	S.F.	$ 1.42	$ 0.46	$ -	$ 1.88	$ 159.04	$ 51.52	$ -	$ 210.56	$ 1.56	$ 0.74	$ -	$ 2.30	$ 174.72	$ 82.88	$ -	$ 257.60	RES	
1.00	06163610740	A		Construction management fees, for work to $1,000,000		0	0	Project	$ 0.09	$ 0.03	$ -	$ 0.12	$ 9.54	$ 3.09	$ -	$ 12.63	$ 0.09	$ 0.04	$ -	$ 0.13	$ 10.48	$ 4.97	$ -	$ 15.45	RES	[Adjusted by 011131200090]
1.00	06163610740	A		Contingencies, at conceptual design stage		0	0	Project	$ 0.28	$ 0.09	$ -	$ 0.37	$ 31.81	$ 10.30	$ -	$ 42.11	$ 0.31	$ 0.15	$ -	$ 0.46	$ 34.94	$ 16.58	$ -	$ 51.52	RES	[Adjusted by 012116500020]
1.00	06163610740	A		Wall framing, walls, for dormer and gable add		0	0		$ -	$ 0.07	$ -	$ 0.07	$ -	$ 7.73	$ -	$ 7.73	$ -	$ 0.11	$ -	$ 0.11	$ -	$ 12.43	$ -	$ 12.43	RES	[Adjusted by 061110408300]
Grand Total												***$ 6.81***	***$ 437.47***	***$ 326.48***	***$ -***	***$ 763.95***				***$ 8.95***	***$ 479.81***	***$ 523.65***	***$ -***	***$ 1,003.46***		

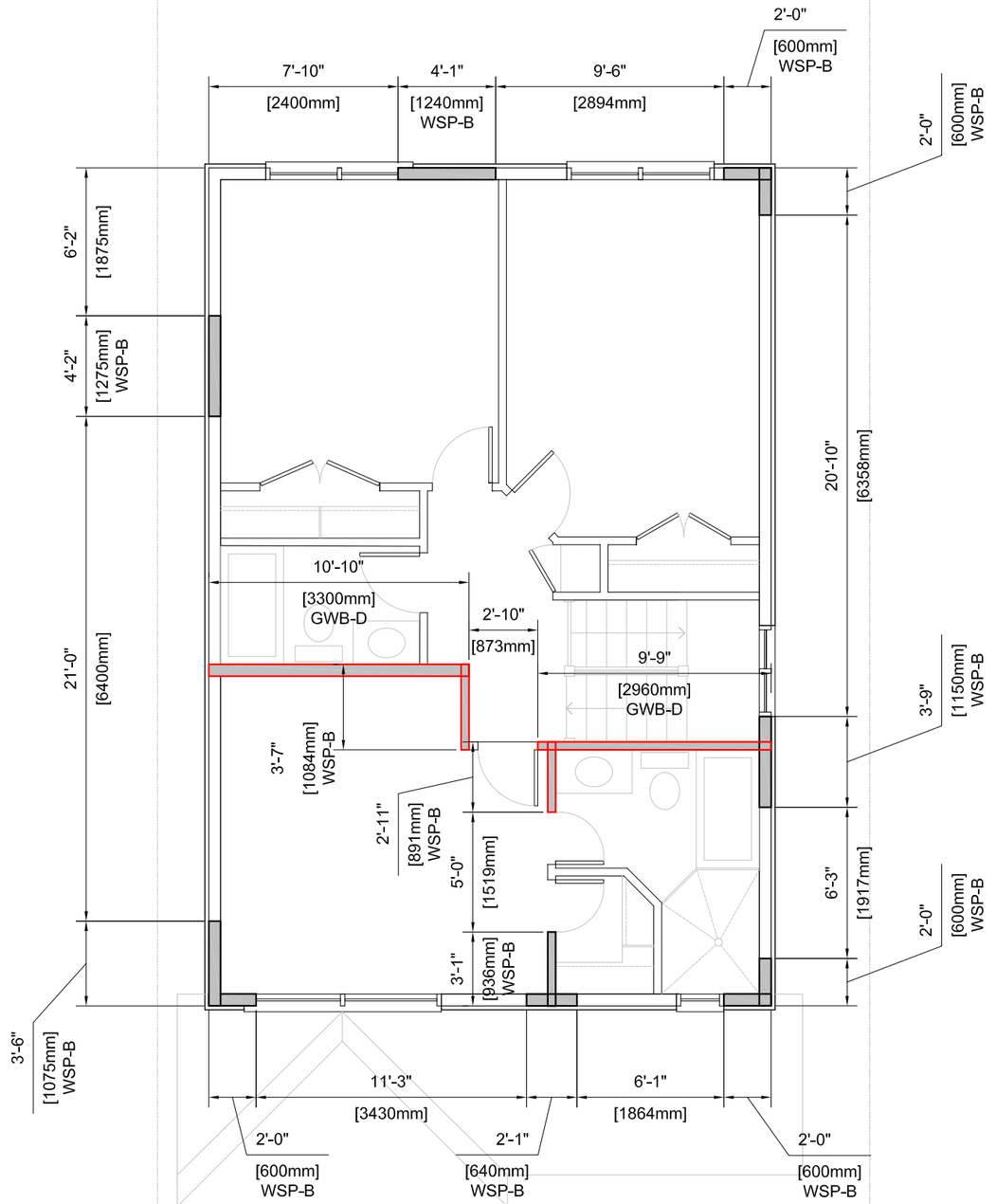
Minimum total length of braced wall panels using the Calculation Method





A4 ARCHETYPE
TORONTO, ON





A4 ARCHETYPE
VICTORIA, BC