

No. 25-04
June 16, 2025

Errata/Revisions for BC Building Code 2024 **Ministerial Order No. BA 2025 02**

This bulletin provides information regarding revisions and errata/corrections to the BC Building Code 2024, pursuant to the Schedule of Ministerial Order No. BA 2025 02, effective June 16, 2025. A copy of the Schedule is included as part of this bulletin.

The application of the errata identified are specific and primarily limited to the initial schedule(s) of the Ministerial Order(s) establishing the BC Building Code 2024. Other third-party products that provide the BCBC 2024 are outside of the scope of this bulletin.

Background

Most of the errata identified in the attached Schedule are self explanatory in their correction and application. This includes matters such as:

- errors in italicization of the Code's defined words or terms,
- misprinted, additional or incorrect numerical references,
- minor updates or edits to titles or editions of referenced standards, or deletions of referenced standards,
- rewording to provide clarity, particularly to Notes,
- correction of grammatical errors,
- deletion or adjustment to illustrations or Tables to reflect initial intentions or errors, and
- inclusion of appropriate acronyms and correction of units of measure to provide consistency.

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There are also items identified in the Schedule that are not the correction of errors but rather changes considered as revisions to the Code. This includes matters such as the following:

- 53, 54,
and 55 Harmonizes the permission of a rooftop enclosure not to be considered a storey in building height for EMTC construction, similar to other types of construction.
- 57: Clarifies balconies of all buildings with a single exit stair system to be sprinklered, notwithstanding exemption permission of applicable sprinkler standards.
- 60: As a result of the reduced number of required adaptable dwelling units, this revision continues the provision for installation backing for future grab bars for most dwelling units.
- 67: Provides clarity that the requirements for adaptable dwelling units are not applicable to alterations to existing residential buildings.
- 68: Provides an additional design alternative using CSA B651, "Accessible design for the built environment", in place of the design criteria prescribed in Section 3.8.3. Design. This relates to matters such as doors and doorways, washroom facilities, bathing facilities, and interior accessible routes.
- 69: Corrects code to no longer require a closet in a bedroom or sleeping room in an adaptable dwelling unit.
- 70: Expands the method of support/attachment for grab bars to other than just walls, such as permitting attachment to bathroom cabinetry and partitions with adequate structural integrity.
- 84: Provides additional option for door hardware, as was previously permitted by AAMA 1304, "Voluntary Specification for Forced Entry Resistance of Side-Hinged Door Systems."
- 116: Subclause is not applicable to the BCBC.
- 118: Specifies air tightness testing parameters for CAN/CGSB-149.10, "Determination of the airtightness of building envelopes by the fan depressurization method' when demonstrating compliance with the Energy Step Code for Part 9 residential buildings allowing for guarded, unguarded, as-operated or closed-up tests to be conducted.

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171: Provides clarity for ASTM E 3158, “Standard Test Method for Measuring the Air Leakage Rate of a Large or Multizone Building” when conducting whole building air tightness testing for demonstrating compliance with the Energy Step Code via Part 10 specifying that both depressurization and pressurization tests are to be conducted.

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SCHEDULE

Changes to Preface

- 1. The Preface is amended by striking out “Fire Services Act” in the fourth paragraph and substituting “Fire Safety Act”.***

Changes to Division A

- 2. Clause 1.1.1.1.(2)(a) is amended by striking out “sewage” and substituting “sewage”.***
- 3. Table 1.1.1.1.(5), Item 19 is amended by striking out “Ramps” and substituting “Ramps”, and by striking out “3.4.6.79.” and substituting “3.4.6.9.”.***
- 4. Table 1.1.1.1.(5), Item 37 is amended by striking out “unsafe condition” and substituting “unsafe condition”.***
- 5. Table 1.1.1.1.(6), Item 5 is amended by striking out “Ramps” and substituting “Ramps” and by striking out “ramp” and substituting “ramp” throughout Item 5.***
- 6. Table 1.1.1.1.(6), Item 7 is amended by striking out “Fire-Resistance and Fire-Protection Ratings” and substituting “Fire-Resistance Ratings and Fire-Protection Ratings”.***
- 7. Subsection 1.1.3. title is amended by striking out “Appendices,” and “and Annotations”.***
- 8. Article 1.1.3.1. title is amended by striking out “Appendices,” and “Appendices and”.***
- 9. Sentence 1.4.1.2.(1), the definition of Field Review is amended by striking out “thier” and substituting “their”.***

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10. *Sentence 1.4.1.2.(1) is amended by striking out the defined term “Greenhouse agricultural occupancy” and its definition.*
11. *Sentence 1.4.1.2.(1) is amended by striking out the defined term “High-hazard agricultural occupancy” and its definition.*
12. *Sentence 1.4.1.2.(1), in definition of Secondary Suite, third bullet, note is amended by striking out “of Division B”.*
13. *Notes to Part 1 Compliance, A-1.4.1.2.(1) Defined Terms is amended by striking out “2018” in the fourth paragraph under “Dangerous Goods”.*
14. *Sentence 3.1.1.2.(1) is amended by striking out “Sentences (2) to (4)” and substituting “Sentences (2) and (3)”.*
15. *Clause 3.1.1.2.(3)(a) is amended by striking out “detached houses, semi-detached houses, houses with a secondary suite, duplexes, triplexes, townhouses, row houses and boarding houses (see Note A-1.4.1.2.(1), Secondary Suite),” and substituting “reserved,”.*

Changes to Division B

16. *Sentence 1.1.2.1.(1) is amended by striking out “2.5.,”.*
17. *Table 1.3.1.2. is amended by striking out “6.3.2.14.(2)” in the Code Reference column for ACGIH 28th Edition row.*
18. *Table 1.3.1.2. is amended by striking out the entire table row for ASHRAE 1997.*
19. *Table 1.3.1.2. is amended by striking out the entire table row for ASHRAE 2011.*
20. *Table 1.3.1.2. is amended by adding “6.9.1.2.(1)” and “A-3.3.6.1.(1)” in the Code Reference column for BC 2024 British Columbia Fire Code edition row.*
21. *Table 1.3.1.2. is amended by striking out “2.2.1.1.(1)⁽⁴⁾” and substituting “2.2.1.1.(1)⁽⁵⁾” in the Code Reference column for BC S.B.C.2015 Building Act edition row.*

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22. *Table 1.3.1.2. is amended by striking out “A-1.1.1.1.(1)⁽⁴⁾” and substituting “A-1.1.1.2.(1)⁽⁴⁾” in the Code Reference column for CCBFC NRCC-CONST-56529E edition row.*
23. *Table 1.3.1.2. is amended by striking out “A-1.1.1.1.(2)⁽⁴⁾” and substituting “A-1.1.1.1.(3)⁽⁴⁾” in the Code Reference column for CSA A277-16 edition row.*
24. *Table 1.3.1.2. is amended by striking out the entire table row for ASTM E331-00.*
25. *Table 1.3.1.2. is amended by striking out the entire table row for ASTM E547-00.*
26. *Table 1.3.1.2. is amended by striking out “A-5.9.3.5.(2)” in the Code Reference column for ASTM E1105-15 edition row.*
27. *Table 1.3.1.2. is amended by striking out “A-9.6.1.3.(2)” in the Code Reference column for CGSB 12.20-M89 edition row.*
28. *Table 1.3.1.2. is amended by striking out the entire table row for CGSB 51.71-2005.*
29. *Table 1.3.1.2. is amended by striking out “Table 9.7.3.3.” in the Code Reference column for CSA A440.2:19/A440.3:19 edition row.*
30. *Table 1.3.1.2. is amended by striking out “Table 9.36.8.6.” in the Code Reference column for CSA A440.2:19 edition row.*
31. *Table 1.3.1.2. is amended by striking out the entire table row for CSA B52:18.*
32. *Table 1.3.1.2. is amended by striking out the entire table row for ANSI/CSA-B149.6-15.*
33. *Table 1.3.1.2. is amended by adding “3.8.5.2.(4)” in the Code Reference column for CSA B651-18 edition row.*
34. *Table 1.3.1.2. is amended by striking out the entire table row for CSA C22.2 No. 113-10.*
35. *Table 1.3.1.2. is amended by striking out the entire table row for CAN/CSA-C260-M90.*
36. *Table 1.3.1.2. is amended by striking out “9.32.3.10.(4)” and “9.32.3.10.(5)” in the Code Reference column for CAN/CSA-C439-09 edition row.*

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37. *Table 1.3.1.2. is amended by striking out “Table 9.36.8.10.” in the Code Reference column for CAN/CSA-C745-03 edition row.*
38. *Table 1.3.1.2. is amended by striking out “A-9.32.3.5.”, “A-9.32.3.7.” and “A-9.32.3.8.” in the Code Reference column for CAN/CSA-F326-M91 edition row.*
39. *Table 1.3.1.2. is amended by striking out “Table 9.23.13.6.” in the Code Reference column for CSA-O325-16 edition row.*
40. *Table 1.3.1.2. is amended by striking out “A-1.1.1.1.(2)⁽⁴⁾” and substituting “A-1.1.1.1.(3)⁽⁴⁾” in the Code Reference column for CSA Z240 MH Series row.*
41. *Table 1.3.1.2. is amended by striking out “A-1.1.1.1.(2)⁽⁴⁾” and substituting “A-1.1.1.1.(3)⁽⁴⁾” in the Code Reference column for CSA Z240.2.1-16 edition row.*
42. *Table 1.3.1.2. is amended by striking out “A-1.1.1.1.(2)⁽⁴⁾” and substituting “A-1.1.1.1.(3)⁽⁴⁾” in the Code Reference column for CSA Z240.10.1:19 edition row.*
43. *Table 1.3.1.2. is amended by striking out “9.32.2.3.(4)” in the Code Reference column for HRAI 2017 Edition row.*
44. *Table 1.3.1.2. is amended by striking out the entire row for HVI Publication 915-2013.*
45. *Table 1.3.1.2. is amended by striking out the entire row for HVI Publication 916-2013.*
46. *Table 1.3.1.2. is amended by striking out “A-1.1.1.1.(1)⁽⁴⁾” and substituting “A-1.1.1.2.(1)⁽⁴⁾” in the Code Reference column for NRC CBD 230 row.*
47. *Table 1.3.1.2. is amended by striking out “A-1.1.1.1.(1)⁽⁴⁾” and substituting “A-1.1.1.2.(1)⁽⁴⁾” in the Code Reference column for NRC CBD 230 row.*
48. *Sentence 3.1.2.5.(2) is amended by striking out “care” and substituting “care”.*
49. *Sentence 3.1.2.8.(1) is amended by striking out “Article 3.3.2.17.” and substituting “Article 3.3.2.18.”.*
50. *Clause 3.1.6.4.(8)(a) is amended by striking out “from adjacent spaces” and substituting “on the interior side”.*

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- 51. Sentence 3.1.6.10.(1) is amended by striking out “meets the requirements of Clause 3.1.6.9.(2)(d)” and substituting “satisfies the criteria of Clause 3.1.5.5.(1)(b)”.**
- 52. Sentence 3.1.9.5.(1) is amended by striking out “on the basis of Appendix D” and substituting “on the basis of Appendix D or Sentence 3.1.7.1.(4)”.**
- 53. Clause 3.2.2.48.(1)(c) is amended by striking out “that does not serve a rooftop enclosure for elevator machinery, a stairway or a *service room* used only for service to the *building*,” and substituting “, excluding any floor level within a rooftop enclosure that is not considered a *storey* in calculating *building height* in accordance with Sentence 3.2.1.1.(1),”.**
- 54. Clause 3.2.2.57.(1)(c) is amended by striking out “that does not serve a rooftop enclosure for elevator machinery, a stairway or a *service room* used only for service to the *building*,” and substituting “, excluding any floor level within a rooftop enclosure that is not considered a *storey* in calculating *building height* in accordance with Sentence 3.2.1.1.(1),”.**
- 55. Clause 3.2.2.93.(1)(c) is amended by striking out “that does not serve a rooftop enclosure for elevator machinery, a stairway or a *service room* used only for service to the *building*,” and substituting “, excluding any floor level within a rooftop enclosure that is not considered a *storey* in calculating *building height* in accordance with Sentence 3.2.1.1.(1).”.**
- 56. Sentence 3.2.10.2.(1) is amended by adding “and as required by Sentence (2),” following the words “Notwithstanding the permissions in Sentences 3.2.5.12.(2) to (4),”.**
- 57. Sentence 3.2.10.2.(2) is amended by striking out “in accordance with Sentence (1)”.**
- 58. Sentence 3.2.5.7.(2) is amended by striking out “3.2.2.57.” and substituting “3.2.2.57.” and by striking out “buildings” and substituting “buildings”.**
- 59. Sentence 3.2.5.12.(7) is amended by striking out “3.2.2.60” and substituting “3.2.2.60.”.**
- 60. Sentence 3.8.2.1.(2) is repealed and the following substituted:**
- “2) *Dwelling units* of *buildings* described in Clause (1)(a), as well as *dwelling units* in apartment and condominium *buildings* that are not designed as *adaptable dwelling units*, shall comply with Sentence 3.8.5.1.(2). (See Sentence 3.8.5.1.(3).)”.**
- 61. Sentence 3.8.2.3.(1) is amended by striking out “stories” and substituting “storeys”.**

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62. *Clause 3.8.3.2.(3)(g) is amended by striking out “ramp” and substituting “ramp”.*
63. *Clause 3.8.3.4.(1)(b) is amended by striking out “ramp” and substituting “ramp”.*
64. *Sentence 3.8.3.5.(1) is amended by striking out “ramp” and substituting “ramp”.*
65. *Sentence 3.8.3.6.(3) is amended by striking out “(See Note A-3.8.3.6.(3).)”.*
66. *Clause 3.8.3.18.(1)(c) is amended by striking out “shower” and substituting “bathtub”.*
67. *Article 3.8.4.1. is amended by adding Sentence 3:*

“3) Subsection 3.8.5. does not apply to *alterations* to existing *buildings* of *residential occupancy*.”

68. *Article 3.8.5.2. is amended by adding Sentence 4:*

“4) References in this Subsection to provisions in Subsection 3.8.3. are permitted to be designed to the applicable provisions of CSA B651, "Accessible design for the built environment," as listed in Table 3.8.3.1.”

69. *Clause 3.8.5.6.(1)(c) is amended by striking out “at least one closet that provides” and substituting “when provided, a closet with”.*
70. *Clause 3.8.5.7.(1)(b) is amended by adding “, or other assembly capable of supporting the future installation of grab bars conforming to Clause 3.8.3.12.(1)(f),” after the words “and the wall”.*
71. *Notes to Part 3 Fire Protection, Occupant Safety and Accessibility, A-3.8.3.6.(3) Washrooms in Residential Occupancies is deleted in its entirety.*
72. *Notes to Part 3 Fire Protection, Occupant Safety and Accessibility, A-3.8.5.6.(1) Adaptable Dwelling Unit Floor Area is amended by striking out the second, third, fourth, and fifth sentences and substituting “Though the Code doesn’t regulate bed furniture or sizes or styles such as bunkbeds, designs should allow for a bed to be located to accommodate transfer from the turning area to either side of the bed, such as by flipping the orientation of the bed, as well as for functional maneuvering space in the room.”, and by adding an additional paragraph (at end) “A built-in closet is not required by this Code.”.*

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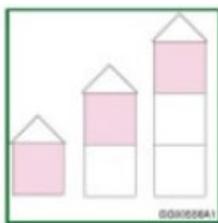
- 73. Title, Part 5 Environmental Separation is amended by adding “(See Note A-5.)” on next line below title.**
- 74. Notes to Part 5 Environmental Separation is amended by striking out A-5.9.3.5. Water Penetration in its entirety.**
- 75. Sentence 6.2.1.5.(2) is amended by striking out “boiler” and substituting “boiler”.**
- 76. Sentence 6.3.1.1.(5) is amended by striking out “suites” and substituting “suites”, striking out “buildings” and substituting “buildings”, and striking out “suite” and substituting “suite”.**
- 77. Sentence 7.1.2.1.(4) is amended by striking out “Table 2.6.2.6.” and substituting “Table 2.6.1.6.”.**
- 78. Article 9.4.1.1. title note is amended by striking out “and Article 2.2.7.6. of Division C”.**
- 79. Sentence 9.4.2.5.(2) is amended by striking out “for the value”.**
- 80. Sentence 9.5.2.3.(1) is amended by striking out “3.2.1.1.(1)” and substituting “3.8.2.2.(1)”.**
- 81. Sentence 9.5.3.1.(1) is amended by striking out “Except as provided in Sentences (2) and (3), the” and substituting “The”.**
- 82. Sentence 9.5.3.1.(4) is amended by striking out “or Sentence (2) or (3)”.**
- 83. Sentence 9.7.4.3.(1) is amended by striking out “, performance grade and water resistance”, and striking out “Table C-5” and substituting “Table C-2”.**
- 84. Sentence 9.7.5.2.(2) is repealed and the following substituted:**
- “2) Doors, frames and hardware are not required to conform to Sentences (3) to (7) if they conform to
- a) a security level of at least Grade 10 as described in the Annex to ASTM F476, “Standard Test Methods for Security of Swinging Door Assemblies,” or
- b) AAMA 1304, “Voluntary Specification for Forced Entry Resistance of Side-Hinged Door Systems.”
- (See Note A-9.7.5.2.(2).)”

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- 85. Sentence 9.9.3.(3) is amended by striking out “secondary suite” and substituting “secondary suite”, and striking out “ramp” and substituting “ramp”.**
- 86. Sentence 9.10.2.2.(6) is amended by striking out “care” and substituting “care”.**
- 87. Subclause 9.10.3.1.(3)(c)(i) is amended by striking out “non-loadbearing” and substituting “non-loadbearing”.**
- 88. Subsection 9.10.9. title is amended by striking out “and Smoke-tight Barriers”.**
- 89. Subclause 9.11.1.1.(2)(a)(i) is amended by striking out “are”.**
- 90. Subclause 9.11.1.1.(2)(a)(ii) is amended by striking out “are”.**
- 91. Clause 9.13.4.3.(2)(b) is amended by striking out “and” following the comma.**
- 92. Clause 9.13.4.3.(3)(b) is amended by adding “(see Note A-9.13.4.3.(2)(b) and (3)(b))” after “air flow performance”.**
- 93. Sentence 9.23.6.1.(2) is amended by striking out “(6)” and substituting “(5)”.**
- 94. Sentence 9.23.6.1.(3) is repealed and the following substituted:**
- “3) Except as provided in Sentence (5), anchorage of *braced wall panels* shall be provided by fastening the sill plate to the *foundation* with
- a) not less than two anchor bolts per *braced wall panel*, located at opposite ends within 0.3 m from the edge of the *braced wall panel*, and where possible, located within 0.5 m from the end of the *foundation* wall, and
- b) anchor bolts spaced in accordance with Table 9.23.6.1.
- (See Note A-9.23.6.1.(3).)”
- 95. Table 9.23.6.1.-A is renumbered to “9.23.6.1.” and the Table title is amended by deleting “, S_{max} for Site Class C > 0.47”.**
- 96. Sentence 9.23.6.1.(5) is renumbered to “9.23.6.1.(4)”.**
- 97. Sentence 9.23.6.1.(6) is renumbered to “9.23.6.1.(5)”.**

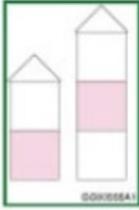
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98. Sentence 9.23.11.4.(5) is amended by striking out “9.23.11.4.-C” and substituting “9.23.11.4.-B”, by striking out “, S_{max} , for Site Class C is greater than 0.47 and” in Clause (a), and by striking out “equal to or greater than 0.6 kPa but” in Clause (b).
99. Table 9.23.11.4.-A is amended by striking out “ S_{max} for Site Class C > 0.47 and” in the title.
100. Table 9.23.11.4.-C is renumbered to “9.23.11.4.-B”, the title is amended by striking out “0.6 kPa <”, and note (3) is amended by striking out the first “Table” in “Table Table 9.23.13.7-B”.
101. Clause 9.23.13.3.(1)(d) (numbering) is amended by striking out “d)” and substituting “c)”.
102. Subclause 9.23.13.10.(2)(a)(ii) is amended by striking out “half”.
103. Sentence 9.23.13.10.(6) is amended by striking out “a72djaacent” and substituting “adjacent”.
104. Sentence 9.23.13.11.(1) (numbering) is amended by striking out “h)” of the second Clause numbered as “h)” and substituting “i)”.
105. Table 9.23.13.11.-A is amended by striking out the following image in the second row of the Storey column

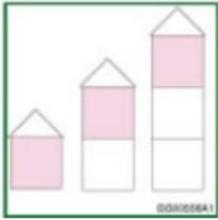


and substituting the following image

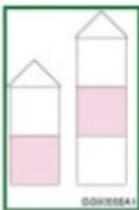
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106. Table 9.23.13.11.-B is amended by striking out the following image in the second row of the Storey column



and substituting the following image



107. Subclause 9.27.2.2.(1)(c)(ii) is amended by striking out “Reserved.” and substituting “reserved,”.

108. Subclause 9.27.2.2.(1)(c)(iii) is amended by striking out “Reserved.” and substituting “reserved.”.

109. Sentence 9.31.6.2.(1) is amended by striking out “the NPC” and substituting “Book II (Plumbing Systems) of this Code”.

110. Clause 9.32.2.1.(1)(b) is amended by striking out “in accordance with Article” and substituting “conforming to Subsection”.

111. Sentence 9.32.3.2.(5) is amended by striking out “Sentence 9.10.9.6.(14)” and substituting “Sentence 9.10.9.9.(6)”.

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112. *Sentence 9.33.5.3.(2) is amended by striking out “boiler appliances” and substituting “boilers”.*
113. *Sentence 9.36.1.2.(5) is amended by striking out “9.36.7.3.” and substituting “9.36.6.5.”.*
114. *Sentence 9.36.1.2.(6) is amended by striking out “9.36.7.3.” and substituting “9.36.6.5.”.*
115. *Table 9.36.2.6.-C is amended by striking out “Cathedral ceilings and flat roofs⁽³⁾” in the “Above-ground Opaque Building Assembly” column and substituting “Cathedral ceilings and roof decks⁽³⁾”.*
116. *Subclause 9.36.5.14.(2)(d)(i) is amended by striking out “3.0 air changes per hour at 50 Pa pressure differential for attached zones, where the airtightness used for the proposed house is determined in accordance with Sentence 9.36.7.3.(1) using the unguarded method, and” and substituting “reserved,.”.*
117. *Subclause 9.36.5.14.(2)(d)(ii) is amended by striking out “otherwise”.*
118. *Sentence 9.36.7.3.(1) is amended by striking out “.” after the term “method” and substituting “;”, and adding “using the following parameters described therein:*
- a) as-operated or closed-up, and
 - b) guarded or unguarded.”
119. *Sentence 9.36.7.4.(1) is amended by striking out “Sentence” and substituting “Article”.*
120. *Sentence 9.37.1.2.(3) is amended by striking out “kgCO₂e” and substituting “kgCO₂e”, and striking out “building’s” and substituting “building’s”.*
121. *Sentence 9.37.1.2.(4) is amended by striking out “CO₂e” and substituting “CO₂e”.*
122. *Sentence 9.37.1.2.(6) is amended by striking out “kgCO₂e” and substituting “kgCO₂e”.*
123. *Table 9.37.1.3. is amended by striking out its entirety and substituting the following:*

Table 9.37.1.3.

Greenhouse Gas Emissions

Forming Part of Sentence 9.37.1.3.(1)

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GHG Emission Level	GHG Emission Compliance Options ¹					
	Maximum GHG Emissions by House, Expressed in kgCO ₂ e/year	or	Maximum GHG Emissions by House ²		Reduction of GHG Emissions by Energy Source of Building Systems	
			Maximum GHGI of the House, Expressed in kgCO ₂ e/m ² /year	Maximum GHG Emissions by House, Expressed in kgCO ₂ e/year		
EL-1	measure only		measure only		exempt	
EL-2	1050	or	6.0	2400	or	Energy sources supplying heating systems have an emissions factor ≤ 0.011 kgCO ₂ e/kWh
EL-3	440		2.5	800		Energy sources supplying heating and service water heating systems have an emissions factor ≤ 0.011 kgCO ₂ e/kWh
EL-4	265		1.5	500		Energy sources supplying all building systems, including equipment and appliances, have an emissions factor ≤ 0.011 kgCO ₂ e/kWh

Notes to Table 9.37.1.3.:

- (1) Redundant or back-up equipment for the systems and equipment listed in Sentence 9.36.5.4.(1). is permitted to be excluded, provided it is equipped with controls and is not required to meet the space-conditioning load of the house.
(2) Compliance for this option is demonstrated by meeting both the GHGI and the GHG emission requirements for each house.

- 124. Clause 9.37.1.3.(2)(a) is amended by striking out “kg CO₂e/kWh” and substituting “kgCO₂e/kWh”.**
- 125. Clause 9.37.1.3.(2)(b) is amended by striking out “kg CO₂e/kWh” and substituting “kgCO₂e/kWh”.**
- 126. Clause 9.37.1.3.(2)(c) is amended by striking out “kg CO₂e/kWh” and substituting “kgCO₂e/kWh”.**
- 127. Clause 9.37.1.3.(2)(d) is amended by striking out “kg CO₂e/kWh” and substituting “kgCO₂e/kWh”.**
- 128. Clause 9.37.1.3.(2)(e) is amended by striking out “kg CO₂e/kWh” and substituting “kgCO₂e/kWh”.**
- 129. Clause 9.37.1.3.(2)(f) is amended by striking out “kg CO₂e/kWh” and substituting “kgCO₂e/kWh”.**
- 130. Clause 9.37.1.3.(2)(g) is amended by striking out “kg CO₂e/kWh” and substituting “kgCO₂e/kWh”.**

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131. *Table 9.38.1.1., entry for Article 9.5.3.1. is amended by striking out “(3)” and substituting “(1)”.*
132. *Table 9.38.1.1., entry for Article 9.5.5.1. is amended by striking out “(2)” and substituting “(1)”.*
133. *Table 9.38.1.1., entry for Article 9.7.4.2., title is amended by striking out “General” and substituting “Standards”.*
134. *Table 9.38.1.1., entry for Article 9.8.5.5. is deleted in its entirety.*
135. *Table 9.38.1.1., entry for Article 9.10.2.2. is deleted in its entirety.*
136. *Table 9.38.1.1., entry for Article 9.13.4.3., title is amended by striking out “Providing for the”.*
137. *Table 9.38.1.1., entry for Sentence 9.23.3.1.(2) is deleted in its entirety.*
138. *Table 9.38.1.1., entry for Sentence 9.23.3.5.(1) is deleted in its entirety.*
139. *Table 9.38.1.1., entry for Sentence 9.23.3.5.(2) is deleted in its entirety.*
140. *Table 9.38.1.1., entry for Sentence 9.23.3.5.(3) is deleted in its entirety.*
141. *Table 9.38.1.1., entry for Sentence 9.23.3.5.(8) is deleted in its entirety.*
142. *Table 9.38.1.1., entry for Sentence 9.23.6.1.(3) is deleted in its entirety.*
143. *Table 9.38.1.1., entry for Sentence 9.23.6.1.(4) is deleted in its entirety.*
144. *Table 9.38.1.1., entry for Sentence 9.23.6.1.(6) is deleted in its entirety.*
145. *Table 9.38.1.1., entry for Sentence 9.23.11.4.(1) is deleted in its entirety.*
146. *Table 9.38.1.1., entry for Sentence 9.23.11.4.(5) is deleted in its entirety.*
147. *Table 9.38.1.1., all entries for Article 9.23.13.1. through Article 9.23.13.7. are deleted in their entirety.*
148. *Table 9.38.1.1., entry for Sentence 9.23.16.5.(2) is deleted in its entirety.*

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149. *Notes to Part 9 Housing and Small Buildings, Note A-9.4.2.5. Seismic Design Parameter is amended by striking out “Note” preceding its reference.*
150. *Notes to Part 9 Housing and Small Buildings, Note A-9.4.2.5.(1) Seismic Design Parameter for Site Class C is amended by striking out “Note” preceding its reference.*
151. *Notes to Part 9 Housing and Small Buildings, Note A-9.4.2.5.(2) Determination of Site Class is amended by striking out “Note” preceding its reference, and inserting a “.” after “Sentence 4.1.8.4.(3)”.*
152. *Notes to Part 9 Housing and Small Buildings, A-9.7.4.2.(1) Standards Referenced for Windows, Doors and Skylights is amended by striking out the last paragraph under “Water Penetration Resistance” in its entirety.*
153. *Notes to Part 9 Housing and Small Buildings, A-9.13.4.3.(2)(b) and (3)(b) Effective Depressurization is amended by deleting illustration “Figure A-9.13.4.3.(2)(b) and (3)(b)” in its entirety.*
154. *Notes to Part 9 Housing and Small Buildings, A-Table 9.23.3.5.-B Alternative Nail Sizes is deleted in its entirety.*
155. *Notes to Part 9 Housing and Small Buildings, A-9.23.13.7.(4) Alternative Procedure to Calculate the Seismic-related Braced Wall Panel Length is amended by striking the portion of the equation for L_s , “ $(C_{Sstorey}C_{walls}C_{roof}S)$ ”, and substituting “ $(C_{Sstorey}C_{walls} + C_{roof}S)$ ”.*
156. *Notes to Part 9 Housing and Small Buildings, A-9.32.4.1. Naturally Aspirating Fuel-Fired Vented Appliance (NAFFVA) is amended by striking out Tables A-9.32.4.1.(1)A and A-9.32.4.1.(1)B in their entirety, and substituting the following:*

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**Table A-9.32.4.1.(1)A
Vent Safety - Natural Gas and Propane**

Fuel Type	Natural Gas and Propane			
Vent Type	Power Vent ⁽¹⁾	Direct Vent ⁽¹⁾	Thermal Buoyancy Chimney ⁽²⁾	
Appliance Type	Furnace Boiler HWT Fireplace	HWT Fireplace Heater	Mid-Efficient F/A Furnace or Boiler ⁽³⁾	Drafthood Boiler HWT ⁽⁴⁾
Special Conditions				Located in Air-Barriered Room ⁽⁵⁾
Classification	Non-NAFFVA		NAFFVA	Non-NAFFVA
9.32.4.1.(1) Applies	No		Yes	No

Notes to Table A-9.32.4.1.(1)A:

- (1) Any power vented appliance with pressurized vent (1 pipe) or sealed combustion (2 pipe) or direct vent appliance (fireplace, heater or HWT) are non-NAFFVA.
- (2) Thermal buoyancy chimneys must be within the heated envelope of the house to provide acceptable venting performance.
- (3) This category applies only to
 - (a) mid-efficient forced air furnaces equipped with induced draft fans and exhaust proving switch, and
 - (b) boilers equipped with induced draft fans and exhaust proving switch.
- (4) Mid-efficient (draft induced) appliances are considered NAFFVA with the exception of a boiler or HWT located in an air-barriered room.
- (5) Mechanical room must be air-barriered from remainder of house with no access from within house. Room must be lined with panel products with sealed joints and all pipe and wire penetrations sealed. Effectively, the room must be finished before equipment is installed and holes drilled for pipes and wires. This option is not available for forced air furnaces as it is not possible to effectively seal the ducts.

**Table A-9.32.4.1.(1)B
Vent Safety - Oil and Solid Fuel**

Fuel Type	Oil			Solid		
Vent Type	Thermal Buoyancy Chimney ⁽¹⁾		Direct Vent	Thermal Buoyancy Chimney ⁽¹⁾		Any
Appliance Type	Boiler HWT ⁽²⁾	F/A Furnace Boiler HWT ⁽²⁾ ⁽³⁾	F/A Furnace Boiler HWT	Boiler	F/A Furnace Boiler HWT Fireplace Heat Stove	Outside Boiler
Special Conditions	Located in Air-Barriered Room ⁽⁴⁾		Located in Air-Barriered Room ⁽⁴⁾			
Classification	Non-NAFFVA	NAFFVA	Non-NAFFVA	Non-NAFFVA	NAFFVA ⁽⁵⁾	N/A
9.32.4.1.(1) Applies	No	Yes	No	No	Yes ⁽⁵⁾	No

Notes to Table A-9.32.4.1.(1)B:

- (1) Thermal buoyancy chimneys must be within the heated envelope of the house to provide acceptable venting performance.
- (2) Sealed combustion kits can be added to oil-fired appliances but they switch to interior combustion air if intake is blocked and rely on barometrically dampered thermal buoyancy chimneys so they are considered NAFFVA.

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(3) Oil-fired HWT, boilers and furnaces equipped with blocked vent switches.

(4) Mechanical room must be air-barriered from remainder of house with no access from within house. Room must be lined with panel products with sealed joints and all pipe and wire penetrations sealed. Effectively, the room must be finished before equipment is installed and holes drilled for pipes and wires. This option is not available for forced air furnaces as it is not possible to effectively seal the ducts.

(5) Wood-burning appliances certified for use in mobile homes and installed to mobile home installation standards are considered non-NAFFVA and Sentence 9.32.4.1.(1) does not apply to them.

157. Notes to Part 9 Housing and Small Buildings, A-9.36.1.3.(6) Exemptions (numbering) is amended by striking out “A-9.36.1.3.(6)” and substituting “A-9.36.1.3.(5)”.

158. Subsection 10.2.1. is amended by renumbering Article 10.1.1.1. Defined Terms as “Article 10.1.2.1. Defined Terms”.

159. Sentence 10.2.3.2.(1) is amended by adding “(TEUI)” after “total energy use intensity”, and striking out “kWh/(m² • year)” and substituting “kWh/m²/year”.

160. Sentence 10.2.3.2.(2) is amended by adding “(TEDI)” after “thermal energy demand intensity”, and striking out “kWh/(m² • year)” and substituting “kWh/m²/year”.

161. Table 10.2.3.3.-A is amended by striking out “kWh/(m²•year)” and substituting “kWh/m²/year” in both columns, striking out “Equipment and Systems -”, and striking out “Building Envelope -”.

162. Table 10.2.3.3.-B is amended by striking out “kWh/(m²•year)” and substituting “kWh/m²/year” in both columns, striking out “Equipment and Systems -”, and striking out “Building Envelope -”.

163. Table 10.2.3.3.-C is amended by striking out “kWh/(m²•year)” and substituting “kWh/m²/year” in both columns, striking out “Equipment and Systems -”, and striking out “Building Envelope -”.

164. Table 10.2.3.3.-D is amended by striking out “kWh/(m²•year)” and substituting “kWh/m²/year” in both columns, striking out “Equipment and Systems -”, and striking out “Building Envelope -”.

165. Table 10.2.3.3.-E is amended by striking out “kWh/(m²•year)” and substituting “kWh/m²/year” in both columns, striking out “Equipment and Systems -”, and striking out “Building Envelope -”.

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- 166. Table 10.2.3.3.-F is amended by striking out “kWh/(m²•year)” and substituting “kWh/m²/year” in both columns, striking out “Equipment and Systems -”, and striking out “Building Envelope -”.**
- 167. Table 10.2.3.3.-G is amended by striking out “kWh/(m²•year)” and substituting “kWh/m²/year” in both columns, striking out “Equipment and Systems -”, and striking out “Building Envelope -”.**
- 168. Table 10.2.3.3.-H is amended by striking out “kWh/(m²•year)” and substituting “kWh/m²/year” in both columns, striking out “Equipment and Systems -”, and striking out “Building Envelope -”.**
- 169. Table 10.2.3.3.-I is amended by striking out “kWh/(m²•year)” and substituting “kWh/m²/year” in both columns, striking out “Equipment and Systems -”, and striking out “Building Envelope -”.**
- 170. Table 10.2.3.3.-J is amended by striking out “kWh/(m²•year)” and substituting “kWh/m²/year” in both columns, striking out “Equipment and Systems -”, and striking out “Building Envelope -”.**
- 171. Clause 10.2.3.5.(1)(c) is repealed and the following substituted:**
- “c) ASTM E 3158, “Standard Test Method for Measuring the Air Leakage Rate of a Large or Multizone Building,” following the pressurization and depressurization testing requirements as described in 9.1.3.3. of the standard.”
- 172. Clause 10.3.1.1.(1)(a) is amended by striking out “major occupancies” and substituting “major occupancies”.**
- 173. Sentence 10.3.1.2.(2) is amended by striking out “kgCO_{2e}” and substituting “kgCO_{2e}”.**
- 174. Sentence 10.3.1.2.(3) is amended by striking out “CO_{2e}” and substituting “CO_{2e}”.**
- 175. Table 10.3.1.3. is amended by striking out “kgCO_{2e}/m²/year” and substituting “kgCO_{2e}/m²/year”.**
- 176. Clause 10.3.1.3.(2)(a) is amended by striking out “kg CO_{2e}/kWh” and substituting “kgCO_{2e}/kWh”.**

177. *Clause 10.3.1.3.(2)(b) is amended by striking out “kg CO_{2e}/kWh” and substituting “kgCO_{2e}/kWh”.*
178. *Clause 10.3.1.3.(2)(c) is amended by striking out “kg CO_{2e}/kWh” and substituting “kgCO_{2e}/kWh”.*
179. *Clause 10.3.1.3.(2)(d) is amended by striking out “kg CO_{2e}/kWh” and substituting “kgCO_{2e}/kWh”.*
180. *Clause 10.3.1.3.(2)(e) is amended by striking out “kg CO_{2e}/kWh” and substituting “kgCO_{2e}/kWh”.*
181. *Clause 10.3.1.3.(2)(f) is amended by striking out “kg CO_{2e}/kWh” and substituting “kgCO_{2e}/kWh”.*
182. *Clause 10.3.1.3.(2)(g) is amended by striking out “kg CO_{2e}/kWh” and substituting “kgCO_{2e}/kWh”.*
183. *Table 10.4.1.1. is amended by striking out “F85, F86,”.*
184. *Appendix C, Climatic and Seismic Information for Building Design in Canada, is amended by striking out “for the 2010 edition of the Code” in the ninth paragraph under “Wind Effects”.*

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