

Thomas W. Peterson proposes the following substitute bill:

1 **Construction Code Amendments**

2026 GENERAL SESSION

STATE OF UTAH

**Chief Sponsor: Thomas W. Peterson**

Senate Sponsor: Evan J. Vickers

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2 **LONG TITLE**

3 **General Description:**

4 This bill modifies the State Construction Code.

5 **Highlighted Provisions:**

6 This bill:

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- 8 ▶ amends the State Construction Code to address updated standards in the:
  - 9 • International Building Code;
  - 10 • International Energy Conservation Code;
  - 11 • International Existing Building Code;
  - 12 • International Fuel Gas Code;
  - 13 • International Mechanical Code;
  - 14 • International Plumbing Code;
  - 15 • International Residential Code; and
  - 16 • International Swimming Pool and Spa Code.
- 17 ▶ removes the regulation of water heaters in certain areas; and
- 18 ▶ makes technical and conforming changes.

19 **Money Appropriated in this Bill:**

20 None

21 **Other Special Clauses:**

22 This bill provides a special effective date.

23 **Utah Code Sections Affected:**

24 **AMENDS:**

25 **15A-2-103 (Effective 07/01/26)**, as last amended by Laws of Utah 2025, Chapter 532

26 **15A-3-102 (Effective 07/01/26)**, as last amended by Laws of Utah 2024, Chapter 15

27 **15A-3-103 (Effective 07/01/26)**, as last amended by Laws of Utah 2023, Chapters 209,  
28 327

29 **15A-3-104 (Effective 07/01/26)**, as last amended by Laws of Utah 2023, Chapter 209

30       **15A-3-105 (Effective 07/01/26)**, as last amended by Laws of Utah 2025, Chapter 532  
31       **15A-3-106 (Effective 07/01/26)**, as last amended by Laws of Utah 2016, Chapter 249  
32       **15A-3-107 (Effective upon governor's approval)**, as last amended by Laws of Utah 2023,  
33       Chapter 209  
34       **15A-3-108 (Effective upon governor's approval)**, as last amended by Laws of Utah 2023,  
35       Chapter 209  
36       **15A-3-110 (Effective 07/01/26)**, as last amended by Laws of Utah 2019, Chapter 20  
37       **15A-3-202 (Effective 07/01/26)**, as last amended by Laws of Utah 2025, Chapter 532  
38       **15A-3-203 (Effective 07/01/26)**, as last amended by Laws of Utah 2025, First Special  
39       Session, Chapter 15  
40       **15A-3-204 (Effective 07/01/26)**, as last amended by Laws of Utah 2024, Chapter 505  
41       **15A-3-205 (Effective 07/01/26)**, as last amended by Laws of Utah 2024, Chapter 505  
42       **15A-3-302 (Effective 07/01/26)**, as last amended by Laws of Utah 2023, Chapter 209  
43       **15A-3-303 (Effective 07/01/26)**, as last amended by Laws of Utah 2023, Chapter 209  
44       **15A-3-304 (Effective 07/01/26)**, as last amended by Laws of Utah 2023, Chapter 209  
45       **15A-3-306 (Effective 07/01/26)**, as last amended by Laws of Utah 2023, Chapter 209  
46       **15A-3-313 (Effective 07/01/26)**, as last amended by Laws of Utah 2023, Chapter 209  
47       **15A-3-315 (Effective 07/01/26)**, as last amended by Laws of Utah 2023, Chapter 209  
48       **15A-3-401 (Effective 07/01/26)**, as last amended by Laws of Utah 2024, Chapter 505  
49       **15A-3-402 (Effective 07/01/26)**, as last amended by Laws of Utah 2024, Chapter 15  
50       **15A-3-501 (Effective 07/01/26)**, as last amended by Laws of Utah 2019, Chapter 20  
51       **15A-3-701 (Effective 07/01/26)**, as last amended by Laws of Utah 2024, Chapter 505  
52       **15A-3-801 (Effective 07/01/26)**, as last amended by Laws of Utah 2024, Chapter 505  
53       **15A-3-1001 (Effective 07/01/26)**, as last amended by Laws of Utah 2023, Chapter 209  
54       **15A-6-102 (Effective 07/01/26)**, as last amended by Laws of Utah 2020, Chapter 136

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56       *Be it enacted by the Legislature of the state of Utah:*

57       Section 1. Section **15A-2-103** is amended to read:

58       **15A-2-103 (Effective 07/01/26). Specific editions adopted of construction code of  
59       a nationally recognized code authority.**

60       (1) Subject to the other provisions of this part, the following construction codes are  
61       incorporated by reference, and together with the amendments specified in Chapter 3,  
62       Statewide Amendments Incorporated as Part of State Construction Code, and Chapter 4,  
63       Local Amendments Incorporated as Part of State Construction Code, are the

64 construction standards to be applied to building construction, alteration, remodeling, and  
65 repair, and in the regulation of building construction, alteration, remodeling, and repair  
66 in the state:

67 (a) the [2021] 2024 edition of the International Building Code, including Appendices C  
68 and J, issued by the International Code Council;

69 (b) the 2021 edition of the International Residential Code, issued by the International  
70 Code Council;

71 (c) Appendix AQ of the 2021 edition of the International Residential Code, issued by the  
72 International Code Council;

73 (d) the [2021] 2024 edition of the International Plumbing Code, issued by the  
74 International Code Council;

75 (e) the [2021] 2024 edition of the International Mechanical Code, issued by the  
76 International Code Council;

77 (f) the [2021] 2024 edition of the International Fuel Gas Code, issued by the International  
78 Code Council;

79 (g) the 2023 edition of the National Electrical Code, issued by the National Fire  
80 Protection Association;

81 (h) the [2021] 2024 edition of the International Energy Conservation Code, issued by the  
82 International Code Council;

83 (i) the [2021] 2024 edition of the International Existing Building Code, issued by the  
84 International Code Council;

85 (j) subject to Subsection 15A-2-104(2), the HUD Code;

86 (k) subject to Subsection 15A-2-104(1), Appendix AE of the 2021 edition of the  
87 International Residential Code, issued by the International Code Council;

88 (l) subject to Subsection 15A-2-104(1), the 2005 edition of the NFPA 225 Model  
89 Manufactured Home Installation Standard, issued by the National Fire Protection  
90 Association;

91 (m) subject to Subsection (3), for standards and guidelines pertaining to plaster on a  
92 historic property, as defined in Section 9-8a-302, the U.S. Department of the Interior  
93 Secretary's Standards for Rehabilitation and Guidelines for Rehabilitating Historic  
94 Buildings;

95 (n) the residential provisions of the [2021] 2024 edition of the International Swimming  
96 Pool and Spa Code, issued by the International Code Council; and

97 (o) Modular Building Institute Standards 1200 and 1205, issued by the International

Code Council, except as modified by provisions of this title governing modular units.

- (2) Consistent with Title 65A, Chapter 8, Management of Forest Lands and Fire Control, the Legislature adopts the 2006 edition of the Utah Wildland Urban Interface Code, issued by the International Code Council, with the alternatives or amendments approved by the Utah Division of Forestry, Fire, and State Lands, as a construction code that may be adopted by a local compliance agency by local ordinance or other similar action as a local amendment to the codes listed in this section.
- (3) The standards and guidelines described in Subsection (1)(m) apply only if:
  - (a) the owner of the historic property receives a government tax subsidy based on the property's status as a historic property;
  - (b) the historic property is wholly or partially funded by public money; or
  - (c) the historic property is owned by a government entity.

Section 2. Section **15A-3-102** is amended to read:

15A-3-102 (Effective 07/01/26). Amendments to Chapters 1 through 3 of IBC.

- (1) IBC, Section 106, is deleted.
- (2) In IBC, Section 110, a new section is added as follows:

"[-]110.3.13, Weather-resistant exterior wall envelope. An inspection shall be made of the weather-resistant exterior wall envelope as required by Section 1404.2, and flashing as required by Section 1404.4 to prevent water from entering the weather-resistive barrier."
- (3) IBC, Section 115.1, is deleted and replaced with the following:

"115.1 Authority. Whenever the building official finds any work regulated by this code being performed in a manner either contrary to the provisions of this code or other pertinent laws or ordinances or is dangerous or unsafe, the building official is authorized to stop work."
- (4) In IBC, Section 202, the following definition is added for Ambulatory Surgical Center:

"AMBULATORY SURGICAL CENTER. A building or portion of a building licensed by the Department of Health and Human Services where procedures are performed that may render patients incapable of self preservation where care is less than 24 hours. See [Utah Administrative Code] Utah Administrative Code, R432-13."
- (5) In IBC, Section 202, the definition for "[Approved] APPROVED" is modified by adding the words "or independent third-party licensed engineer or architect and submitted to the building official" after the word "official."
- (6) In IBC, Section 202, the definition for "[Approved Agency] APPROVED AGENCY" is

132 modified by deleting the words "where such agency has been approved by the building  
133 official."

134 (7) In IBC, Section 202, the definition for "[Approved Fabricator] APPROVED  
135 FABRICATOR" is modified by adding the words "or approved by the state of Utah or a  
136 licensed engineer" after the word "code."

137 (8) In IBC, Section 202, the definition for "[Approved Source] APPROVED SOURCE" is  
138 modified by adding the words "or licensed engineer" after the word "official."

139 (9) In IBC, Section 202, the following definition is added for Assisted Living Facility,  
140 Residential Treatment and Support:

141 "ASSISTED LIVING FACILITY, RESIDENTIAL TREATMENT AND SUPPORT. A  
142 residential facility that provides a group living environment for four or more residents licensed  
143 by the Department of Health and Human Services and provides a protected living arrangement  
144 for ambulatory, non-restrained persons who are capable of achieving mobility sufficient to exit  
145 the facility without the physical assistance of another person.

146 ASSISTED LIVING FACILITY, TYPE I. A residential facility licensed by the  
147 Department of Health and Human Services that provides a protected living arrangement,  
148 assistance with activities of daily living, and social care to two or more ambulatory,  
149 non-restrained persons who are capable of mobility sufficient to exit the facility without the  
150 assistance of another person.

151 ASSISTED LIVING FACILITY, TYPE II. A residential facility licensed by the  
152 Department of Health and Human Services that provides an array of coordinated supportive  
153 personal and health care services to two or more residents who are:  
154 (i) Physically disabled but able to direct his or her own care; or  
155 (ii) Cognitively impaired or physically disabled but able to evacuate from the facility, or to  
156 a zone or area of safety, with the physical assistance of one person.

157 ASSISTED LIVING FACILITY, LIMITED CAPACITY. A Type I or Type II assisted  
158 living facility having two to five residents.

159 ASSISTED LIVING FACILITY, SMALL. A Type I or Type II assisted living facility  
160 having six to sixteen residents.

161 ASSISTED LIVING FACILITY, LARGE. A Type I or Type II assisted living facility  
162 having more than sixteen residents."

163 (10) In IBC, Section 202, the following definition is added for ballistic glass:

164 "BALLISTIC GLASS. Glass certified at a minimum level of:

165 (i) Underwriters Laboratories Standard UL752-23, Standard for Bullet-Resisting

166       Equipment, Threat Level UL-RF-E from Table C1 (Legacy Level 7) (2023); or  
167       (ii) ASTM F3279-24, Standard Test Method for Ballistic Resistant Security Glazing  
168       Materials, Threat and Performance Level 4, Ballistic Test Identity (BTI) R1-T1-C5-21  
169       under Table 1, Ballistic Criteria (2021)."

170       (11) In IBC, Section 202, the following definition is added for [Child Care Facility] child

171       care facility:

172        "CHILD CARE FACILITY. A facility where care and supervision is provided for [

173        four] five or more children for less than 24 hours a day and for direct or indirect

174        compensation in place of care ordinarily provided in their home."

175       [{11}] (12) In IBC, Section 202, the definition for " [A] [Record Drawings] RECORD

176       DRAWINGS" is modified by deleting the words "a fire alarm system" and replacing

177        them with "any fire protection system."

178       [{12}] (13) In IBC, Section 202, the following definition is added for security glazing:

179        "SECURITY GLAZING. A clear or tinted durable material applied to glass doors

180        and windows that enhances the structural integrity of the glass by preventing it from

181        shattering and falling to the ground when impacted by an object and meets the minimum

182        standard established by:

183        (i) ASTM F3561, Standard Test Method for Forced-Entry-Resistance of Fenestration

184        Systems After Simulated Active Shooter Attack, minimum level 3 of Table 2, Potential

185        Energy of Impactor and Drop Height (2023); or

186        (ii) ANSI Z97.1-15(R20) American National Standard for safety glazing materials

187        used in buildings safety performance specifications and methods of test, and shall meet

188        the durability requirements of Sections 5.3 and 5.4."

189       (14) In IBC, Section 304.1, the words "and technical colleges who also educate high school

190        students as part of their student body" are added after the words "Educational

191        occupancies for students above the 12th grade including higher education laboratories."

192       [{13}] (15) In IBC, Section 305, Sections 305.2 through 305.2.3 are deleted and replaced with

193        the following:

194        "305.2 Group E, child day care facilities. This group includes buildings and structures or

195        portions thereof occupied by [four] five or more children [2] two years[-of age-] old or older

196        who receive educational, supervision, child care services or personal care services for fewer

197        than 24 hours per day. See Section 429 Day Care, for special requirements for day care.

198        305.2.1 Within places of religious worship. Rooms and spaces within places of religious

199        worship providing such day care during religious functions shall be classified as part of the

200 primary occupancy.

201 305.2.2 Four or fewer children. A facility having four or fewer children receiving such  
202 day care shall be classified as part of the primary occupancy.

203 305.2.3 [Four or fewer children in a dwelling unit. A facility such as the above within a  
204 dwelling unit and having four or fewer children receiving such day care shall be classified as a  
205 Group R-3 occupancy or shall comply with the International Residential Code] Child day care  
206 facilities ancillary to the main occupancy. A facility where any number of children receive  
207 such day care may be classified as an accessory occupancy if the area complies with Section  
208 508.2.

209 305.2.4 [Child day care -- residential child care certificate or a license. Areas used for  
210 child day care purposes with a residential child care certificate, as described in Utah  
211 Administrative Code, R430-50, Residential Certificate Child Care, or a residential child care  
212 license, as described in Utah Administrative Code, R430-90, Licensed Family Child Care, may  
213 be located in a Group R-2 or R-3 occupancy as provided in Sections 310.3 and 310.4 or shall  
214 comply with the International Residential Code in accordance with Section R101.2] Four or  
215 fewer children in a dwelling unit. A facility such as the above within a dwelling unit and  
216 having four or fewer children receiving such day care shall be classified as a Group R-3  
217 occupancy or shall comply with the International Residential Code.

218 305.2.5 [Child care centers. Each of the following areas may be classified as accessory  
219 occupancies, if the area complies with Section 508.2:  
220

221 1. Hourly child care center, as described in Utah Administrative Code, R381-60 Hourly  
222 Child Care Centers;

223 2. Child care centers, as described in Utah Administrative Code, R381-100, Child Care  
224 Centers;

225 3. Out-of-school-time programs, as described in Utah Administrative Code, R381-70,  
226 Out of School Time Child Care Programs; and

227 4. Commercial preschools, as described in Utah Administrative Code, R381-40,  
228 Commercial Preschool Programs."] Residential child day care. A residential certificate child  
229 care facility as described in Utah Administrative Code, R430-50, or a licensed family child  
230 care facility as described in Utah Administrative Code, R430-90, licensed by the Department  
231 of Health and Human Services shall be classified as a Group R-2 or R-3 occupancy, or shall  
232 comply with the International Residential Code."

233 [(14)] (16) In IBC, Table 307.1(1), footnote "d" is added to the row for Explosives, Division  
1.4G in the column titled STORAGE - Solid Pounds (cubic feet).

234 [15] (17) In IBC, Section 308.2, in the list of items under "This group shall include," the  
235 words "Type-I Large and Type-II Small, see Section 308.2.5" are added after "Assisted  
236 living facilities."

237 [16] (18) In IBC, Section 308.2.4, all of the words after the first International Residential  
238 Code are deleted.

239 [17] (19) A new IBC, Section 308.2.5, is added as follows:

240 "308.2.5 Assisted living facilities. A Type I, Large assisted living facility is classified as  
241 occupancy Group I-1, Condition 1. A Type II, Small assisted living facility is classified as  
242 occupancy Group I-1, Condition 2. See Section 202 for definitions."

243 [18] (20) IBC, Section 308.3, is deleted and replaced with the following:

244 "308.3 Institutional Group I-2. Institutional Group I-2 occupancy shall include buildings  
245 and structures used for medical care on a 24-hour basis for more than four persons who are  
246 incapable of self-preservation. This group shall include, but not be limited to the following:

247 Assisted living facilities, Type-II Large, see Section 308.3.3

248 [Child care facilities]

249 Foster care facilities

250 Detoxification facilities

251 Hospitals

252 Nursing homes (both intermediate care facilities and skilled nursing facilities)

253 Psychiatric hospitals"

254 [19] (21) In IBC, Section 308.3.2, [the number "five" is deleted and replaced with the  
255 number "four" in each location] all the wording following the word "Group" is deleted  
256 and replaced with the words "R-4 Condition 2."[.]

257 [20] (22) A new IBC, Section 308.3.3, is added as follows:

258 "308.3.3 Assisted living facilities. A Type-II, Large assisted living facility is classified  
259 as occupancy Group I-2, Condition 1. See Section 202 for definitions."

260 [21] (23) In IBC, Section 308.5, the words "more than five" are deleted and replaced with  
261 the words "five or more in each location."

262 [22] (24) IBC, Section 308.5.1, is deleted and replaced with the following:

263 "308.5.1 Classification as Group E. A child day care facility that provides care for five  
264 or more but not more than 100 children under two years[~~of age~~] old, where the rooms in  
265 which the children are cared for are located on a level of exit discharge serving such rooms and  
266 each of these child care rooms has an exit door directly to the exterior, shall be classified as a  
267 Group E. See Section 429 for special requirements for Day Care."

268 [({23})] (25) In IBC, [Seetions] Section 308.5.3[-and 308.5.4], the words "five or fewer" are  
269 deleted and replaced with the words "four or fewer" in each location and the following  
270 sentence is added at the end:

271 "See Section 429 for special requirements for Day Care."

272 (26) IBC, Section 308.5.4, is deleted and replaced with the following:

273 "308.5.4 Child day care facilities ancillary to the main occupancy. A facility  
274 where any number of children receive such day care may be classified as an accessory  
275 occupancy if the area complies with Section 508.2."

276 (27) A new IBC Section 308.5.5 is added as follows:

277 "308.5.5 Four or fewer persons receiving care in a dwelling-unit. A facility such  
278 as the above within a dwelling unit and having four or fewer persons receiving custodial  
279 care shall be classified as a Group R-3 occupancy or shall comply with the International  
280 Residential Code."

281 [({24})] (28) IBC, Section 310.4, is deleted and replaced with the following:

282 "310.4 Residential Group R-3. Residential Group R-3 occupancies [and single family  
283 dwellings complying with the International Residential Code] where the occupants are  
284 primarily permanent in nature, are children receiving child day care services, and are not  
285 classified as Group R-1, R-2, R-4 or I, including:

286 Assisted Living Facilities, Type-I, limited capacity, see Section 310.5.3

287 Buildings that do not contain more than two dwellings

288 Care facilities, other than child care, that provide accommodations for five or fewer  
289 persons receiving care

290 Child day care facilities having four or fewer children receiving care in a dwelling

291 Residential child day care facilities licensed by the Utah Department of Health and

292 Human Services as a:

293 Residential certificate child care facility

294 Licensed family child care facility

295 Congregate living facilities (nontransient) with 16 or fewer occupants

296 Boarding houses (nontransient)

297 Convents

298 Dormitories

299 Fraternities and sororities

300 Monasteries

301 Congregate living facilities (transient) with 10 or fewer occupants

## Boarding houses (transient)

Lodging houses (transient) with five or fewer guest rooms and 10 or fewer occupants"

[~~(25)~~] (29) IBC, Section 310.4.1, is deleted and replaced with the following:

"310.4.1 Care facilities within a dwelling. Care facilities, other than child care, for five or fewer persons receiving care that are within a single family dwelling are permitted to comply with the International Residential Code. See Section 429 for special requirements for Child Day Care."

[(26)] (30) A new IBC Section 310.4.3 is added as follows:

[“] 310.4.3 Child Care. Areas used for child care purposes may be located in a residential dwelling unit under all of the following conditions and Section 429:

1. Compliance with Utah Administrative Code, R710-8, Day Care Rules, as enacted under the authority of the Utah Fire Prevention Board.

2. Use is approved by the Department of Health and Human Services, as enacted under the authority of the Utah Code, Title 26B, Chapter 2, Part 4, Child Care Licensing, and in any of the following categories:

a. Utah Administrative Code, R430-50, Residential Certificate Child Care.

b. Utah Administrative Code, R430-90, Licensed Family Child Care.

3. Compliance with all zoning regulations of the local regulator."

[(27)] (31) A new IBC, Section 310.4.4, is added as follows:

"310.4.4 Assisted living facilities. Type I assisted living facilities with two to five residents are Limited Capacity facilities classified as a Residential Group R-3 occupancy or are permitted to comply with the International Residential Code. See Section 202 for definitions."

[(28)] (32) A new IBC, Section 310.4.5, is added as follows:

"310.4.5 Child day care facilities ancillary to the main occupancy. Child day care facilities may be classified as accessory occupancies if the area complies with Section 508.2."

(33) In IBC, Section 310.5, the words "Type II Limited Capacity and Type I Small, see Section 310.5.3" are added after the words "assisted living facilities."

[(29)] (34) A new IBC, Section 310.5.3, is added as follows:

"310.5.3 Group R-4 Assisted living facility occupancy groups. The following occupancy groups shall apply to Assisted Living Facilities: Type II Assisted Living Facilities with two to five residents are Limited Capacity Facilities classified as a Residential Group R-4, Condition 2 occupancy. Type I assisted living facilities with six

336 to [sixteen] 16 residents are Small Facilities classified as Residential Group R-4,  
337 Condition 1 occupancies. See Section 202 for definitions."

338 Section 3. Section **15A-3-103** is amended to read:

339 **15A-3-103 (Effective 07/01/26). Amendments to Chapters 4 through 6 of IBC.**

340 (1) IBC Section 403.5.5 is deleted.

341 (2) In IBC, Section 404.5, Exception 2.3 is added as follows:

342 "2.3 The atrium does not contain any means of egress component above the two lowest  
343 stories."

344 (3) In IBC, Section 407.2.5, the words "and assisted living facility" are added in the title  
345 and first sentence after the words "nursing home."

346 (4) In IBC, Section 407.2.6, the words "and assisted living facility" are added in the title  
347 after the words "nursing home."

348 (5) In IBC, Section 407.3.1.1, Item 3 is deleted and replaced with the following:

349 "3. To provide makeup air for exhaust systems in accordance with Section 1020.6,  
350 Exception 1, doors to toilet rooms, bathrooms, shower rooms, sink closets, and similar  
351 auxiliary spaces that do not contain flammable or combustible materials are permitted to have  
352 louvers or an undercut of 2/3 inch (19.1 mm) maximum."

353 (6) In IBC, Section 407.4.1, Exception 3 is added as follows:

354 "3. Only one exit access with direct access to a corridor is required from an assisted  
355 living facility, single resident sleeping unit that consists of a living space and one or two  
356 separate sleeping rooms. For other than closets, toilet and shower rooms, occupants may not be  
357 required to pass through more than one room before reaching the exit access."

358 (7) In IBC, Section 407.4.3, the words "and assisted living facility" are added in the title  
359 and after the words "nursing home."

360 (8) In IBC, Section 407.11, a new exception is added as follows:

361 "Exception: An essential electrical system is not required in assisted living  
362 facilities."

363 (9) In IBC, Section 412.3.1, a new exception is added as follows:

364 "Exception: Aircraft hangars of Type I or II construction that are less than 5,000  
365 square feet (464.5m<sup>2</sup>) in area."

366 (10) A new IBC, Section 422.2.1, is added as follows:

367 ["] 422.2.1 Separations: Ambulatory care facilities licensed by the Department of  
368 Health and Human Services shall be separated from adjacent tenants with a fire partition  
369 having a minimum one hour fire-resistance rating. Any level below the level of exit discharge

370 shall be separated from the level of exit discharge by a horizontal assembly having a minimum  
371 one hour fire-resistance rating.

372       Exception: A fire barrier is not required to separate the level of exit discharge when:

373       1. Such levels are under the control of the Ambulatory Care Facility.

374       2. Any hazardous spaces are separated by horizontal assembly having a minimum one  
375       hour fire-resistance rating."

376       (11) A new, IBC Section 429, Day Care, is added as follows:

377       "[-]429.1 [Detailed Requirements. In addition to the occupancy and construction  
378       requirements in this code, the additional provisions of this section shall apply to all Day Care  
379       in accordance with Utah Administrative Code R710-8 Day Care Rules] Applicability. The  
380       provisions of Sections 429.1 through 429.5 and other applicable provisions of this code shall  
381       apply to all occupancies containing day care facilities.

382       429.2 Definitions.

383       429.2.1 [Authority Having Jurisdiction (AHJ): State Fire Marshal, his duly authorized  
384       deputies, or the local fire enforcement authority code official] Adult Day Care. Nonresidential  
385       care and supervision for three or more adults for at least four but less than 24 hours a day and  
386       that meets the needs of functionally impaired adults through a comprehensive program that  
387       provides a variety of health, social, recreational and related support services in a protective  
388       setting. For more information, refer to Utah Administrative Code, R501-13, Adult Day Care.

389       429.2.2 [Day Care Facility: Any building or structure occupied by clients of any age  
390       who receive custodial care for less than 24 hours by individuals other than parents, guardians,  
391       relatives by blood, marriage or adoption] Commercial Preschool Program. A facility where  
392       child care is provided for direct or indirect compensation on an ongoing basis in the absence of  
393       the child's parent for five or more unrelated children between the ages of two and five years  
394       old, for four or more hours, but not exceeding 24 hours a day, is not on a regular schedule, and  
395       is in a place other than the provider's or child's home. For more information, refer to Utah  
396       Administrative Code, R381-40, Commercial Preschool Programs.

397       429.2.3 [Day Care Center: Providing care for five or more clients in a place other than  
398       the home of the person cared for. This would also include Child Care Centers, Out of School  
399       Time or Hourly Child Care Centers licensed by the Department of Health and Human Services]  
400       Hourly Child Care Center. A facility where child care is provided for direct or indirect  
401       compensation on an ongoing basis in the absence of the child's parent for five or more  
402       unrelated children, for four or more hours, but not exceeding 24 hours a day, is not on a  
403       regular schedule, and is in a place other than the provider's or child's home. For more

404 information, please refer to Utah Administrative Code, R381-60, Hourly Child Care Centers.

405 429.2.4 [Family Day Care: Providing care for clients listed in the following two groups:]  
406 Out-of-School-Time Child Care Program. A facility where child care is provided for direct or  
407 indirect compensation on an ongoing basis in the absence of the child's parent for five or more  
408 unrelated children who are at least five years old for less than 24 hours a day, in a place that is  
409 not the provider's or child's home. For more information refer to Utah Administrative Code,  
410 R381-70, Out-of-School-Time Child Care Programs.

411 [429.2.4.1 Type 1: Services provided for five to eight clients in a home. This would also  
412 include a home that is certified by the Department of Health and Human Services as  
413 Residential Certificate Child Care or licensed as Family Child Care.]

414 429.2.4.2 Type 2: Services provided for nine to sixteen clients in a home with sufficient  
415 staffing. This would also include a home that is licensed by the Department of Health and  
416 Human Services as Family Child Care.]

417 429.2.5 [R710-8: Utah Administrative Code, R710-8, Day Care Rules, as enacted under  
418 the authority of the Utah Fire Prevention Board] Child Care Center. A facility where child care  
419 is provided in the absence of the child's parent on an ongoing basis for direct or indirect  
420 compensation for five or more unrelated children of any age for less than 24 hours a day in a  
421 place that is not the provider's or child's home. For more information refer to Utah  
422 Administrative Code, R381-100, Child Care Centers.

423 429.2.6 Residential Certificate Child Care. A facility where child care is provided for  
424 direct or indirect compensation on an ongoing basis for four or more hours a day but less than  
425 24 hours a day, for eight or fewer children or up to ten children including the provider's own  
426 children, of any age within a dwelling that is also the provider's home. For more information,  
427 refer to Utah Administrative Code, R381-50, Residential Certificate Child Care.

428 429.2.7 Licensed Family Child Care. A facility where child care is provided for direct or  
429 indirect compensation on an ongoing basis, in the absence of a child's parent, for four or more  
430 hours a day but less than 24 hours a day, for nine or more unrelated children of any age, within  
431 a dwelling that is also the provider's home. For more information, please refer to Utah  
432 Administrative Code, R381-90, Licensed Family Child Care.

433 429.3 [Family Day Care] Day Care Facilities.

434 429.3.1 [Family Day Care units shall have on each floor occupied by clients, two  
435 separate means of egress, arranged so that if one is blocked the other will be available] Detailed  
436 Requirements. In addition to the occupancy and construction requirements in this code, the  
437 additional provisions of this section shall apply to all day care in accordance with Utah

438 Administrative Code, R710-8, Day Care Rules.

439 429.3.2 [Family Day Care units that are located in the basement or on the second story  
440 shall be provided with two means of egress, one of which shall discharge directly to the outside]  
441 Emergency Evacuation. A fire escape plan shall be completed and posted in a conspicuous  
442 place. All staff shall be trained on the fire escape plan and procedure. Emergency evacuation  
443 drills shall be completed in accordance with the International Fire Code and Utah  
444 Administrative Code, R710-8, Day Care Rules.

445 [429.3.2.1 Residential Certificate Child Care and Licensed Family Child Care with five  
446 to eight clients in a home, located on the ground level or in a basement, may use an emergency  
447 escape or rescue window as allowed in IFC, Chapter 10, Section 1030.]

448 429.3.3 [Family Day Care units shall not be located above the second story] Occupancy  
449 Classification. Buildings or areas within a building containing a commercial preschool  
450 program, hourly child care center, out-of-school-time child care program or a child care center  
451 shall comply with the requirements of Group I-4, Group E, or the primary occupancy,  
452 whichever is applicable for the type of facility. Buildings or areas within a building containing  
453 a residential certificate child day care or a licensed family child day care shall be classified as  
454 Residential Group R-3 or shall comply with the International Residential Code.

455 429.3.3.1 Child day care facilities having four or fewer children receiving care in a  
456 dwelling unit may be located in a Group R-2 occupancy.

457 429.3.4 [In Family Day Care units, clients under the age of two shall not be located  
458 above or below the first story] Group E Occupancies.

459 429.3.4.1 [Clients under the age of two may be housed above or below the first story  
460 where there is at least one exit that leads directly to the outside and complies with IFC, Section  
461 1011 or Section 1012 or Section 1027] Stories containing a Group E child day care occupancy  
462 shall be located at the level of exit discharge.

463 429.3.4.2 Child day care spaces for children over the age of two may be located one  
464 story above the level of exit discharge in buildings equipped with a 903.3.1.1 NFPA 13  
465 sprinkler system throughout and the building is protected by an automatic fire detection system  
466 installed in accordance with Section 907.429.3.4.3. All Group E child day care spaces with an  
467 occupant load of more than 10 shall have a second means of egress. If the second means of  
468 egress is not an exit door leading directly to the exterior, the room shall have an emergency  
469 escape and rescue window complying with Chapter 10.

470 [429.3.5 Family Day Care units located in split entry/split level type homes in which  
471 stairs to the lower level and upper level are equal or nearly equal, may have clients housed on

472 both levels when approved by the AHJ.

473 429.3.6 Family Day Care units shall have a portable fire extinguisher on each level  
474 occupied by clients, which shall have a classification of not less than 2A:10BC, and shall be  
475 serviced in accordance with NFPA, Standard 10, Standard for Portable Fire Extinguishers.

476 429.3.7 Family Day Care units shall have single station smoke detectors in good  
477 operating condition on each level occupied by clients. Battery operated smoke detectors shall  
478 be permitted if the facility demonstrates testing, maintenance, and battery replacement to  
479 insure continued operation of the smoke detectors.

480 429.3.8 Rooms in Family Day Care units that are provided for clients to sleep or nap,  
481 shall have at least one window or door approved for emergency escape.

482 429.3.9 Fire drills shall be conducted in Family Day Care units quarterly and shall  
483 include the complete evacuation from the building of all clients and staff. At least annually, in  
484 Type I Family Day Care units, the fire drill shall include the actual evacuation using the escape  
485 or rescue window, if one is used as a substitute for one of the required means of egress.]

486 429.4 [Day Care Centers] Child day care facilities located in a dwelling.

487 429.4.1 [Day Care Centers shall comply with either I-4 requirements or E requirements  
488 of the IBC, whichever is applicable for the type of Day Care Center] Each story of a dwelling  
489 used for child day care shall have two separate means of egress placed a distance apart equal to  
490 but not less than one-half of the length of the maximum overall diagonal dimension of the  
491 dwelling measured in a straight line between them.

492 429.4.1.1 Where child day care is located one story above or below the level of exit  
493 discharge, one of the exits shall discharge directly to the outside.

494 429.4.1.2 Child day care located on a level of exit discharge may use an emergency  
495 escape and rescue opening as one of the exits where approved by the authority having  
496 jurisdiction.

497 429.4.2 Emergency Evacuation Drills shall be completed as required in IFC, Chapter 4,  
498 Section 405.

499 429.4.3 [Location at grade. Group E child day care centers shall be located at the level  
500 of exit discharge] Child day care shall not be located on a story more than two stories above  
501 grade.

502 [429.4.3.1 Child day care spaces for children over the age of 24 months may be located  
503 on the second floor of buildings equipped with automatic fire protection throughout and an  
504 automatic fire alarm system.]

505 429.4.4 [Egress. All Group E child day care spaces with an occupant load of more than

506 10 shall have a second means of egress. If the second means of egress is not an exit door  
507 leading directly to the exterior, the room shall have an emergency escape and rescue window  
508 complying with Section 1030] Child day care for children under the age of two shall not be  
509 located on any level other than a level of exit discharge.

510 429.4.4.1 Child day care for children under the age of two may be located above or  
511 below the first story where at least one exit leads directly to outside.

512 429.4.5 [All Group E Child Day Care Centers shall comply with Utah Administrative  
513 Code, R430-100 Child Care Centers, R430-60 Hourly Child Care Centers, and R430-70 Out of  
514 School Time] Child day care facilities located in a split entry or split level type dwelling in  
515 which stairs to both levels are equal or nearly equal may be located on both levels when  
516 approved by the authority having jurisdiction.

517 429.4.6 Child day care facilities located in a dwelling shall have a portable fire  
518 extinguisher on each level with a classification of not less than 2A:10BC, and shall be serviced  
519 in accordance with NFPA 10, Standard for Portable Fire Extinguishers.

520 429.4.7 Child day care facilities located in a dwelling shall have single station smoke  
521 detectors in good operating condition on each level.

522 429.4.8 Rooms that are used for sleeping or napping shall have at least one emergency  
523 escape and rescue opening.

524 429.4.9 Fire drills shall be conducted in family day care units quarterly and shall include  
525 the complete evacuation from the building of all clients and staff. At least annually, in Type I  
526 family day care units, the fire drill shall include the actual evacuation using the escape or  
527 rescue window, if one is used as a substitute for one of the required means of egress.

528 429.5 Requirements for all Day Care.

529 429.5.1 Heating equipment, fireplaces, and cooking equipment in spaces occupied by  
530 children shall be provided with partitions, screens, or other means to protect children from hot  
531 surfaces and open flames.

532 429.5.2 A fire escape plan shall be completed and posted in a conspicuous place. All  
533 staff shall be trained on the fire escape plan and procedure."

534 (12) In IBC, Section 504.4, a new section is added as follows:

535 "504.4.1 Group I-2 Assisted Living Facilities. Notwithstanding the allowable number of  
536 stories permitted by Table 504.4 Group I-2 Assisted Living Facilities of type VA, construction  
537 shall be allowed on each level of a two-story building when all of the following apply:

538 1. The total combined area of both stories does not exceed the total allowable area for a  
539 one-story, above grade plane building equipped throughout with an automatic sprinkler system

540       installed in accordance with Section 903.3.1.1.

541       2. All other provisions that apply in Section 407 have been provided."

542       (13) A new IBC, Section 504.5, is added as follows:

543       "504.5 Group 1-2 Secured areas in Assisted Living Facilities. In Type IIIB, IV,  
544       and V construction, all areas for the use and care of residents required to be secured  
545       shall be located on the level of exit discharge with door operations in compliance with  
546       Section 1010.2.14."

547       Section 4. Section **15A-3-104** is amended to read:

548       **15A-3-104 (Effective 07/01/26). Amendments to Chapters 7 through 9 of IBC.**

549       [(1) ~~In IBC, Section 703.5, the words "with signs or stenciling" are deleted.~~]

550       [(2)] (1) IBC, Section (F) 902.1, is deleted and replaced with the following:

551       "(F) 902.1 Pump and riser room size. Fire pump rooms and automatic sprinkler system  
552       riser rooms shall be designed with adequate space for all installed equipment necessary for the  
553       installation and to provide sufficient working room around the stationary equipment.  
554       Clearances around equipment to elements of permanent construction, including other installed  
555       equipment and appliances, shall be sufficient to allow inspection, service, repair or  
556       replacement without removing such elements of permanent construction or disabling the  
557       function of a required fire-resistance-rated assembly and not less than the following minimum  
558       elements:

559       902.1.1 A minimum clear and unobstructed distance of 12-inches shall be provided from  
560       the installed equipment to the elements of permanent construction.

561       902.1.2 A minimum clear and unobstructed distance of 12-inches shall be provided  
562       between all other installed equipment and appliances.

563       902.1.3 A clear and unobstructed width of 36-inches shall be provided in front of all  
564       installed equipment and appliances, to allow for inspection, service, repair or replacement  
565       without removing such elements of permanent construction or disabling the function of a  
566       required fire-resistance-rated assembly."

567       [(3)] (2) In IBC, Section 902, new sections are added as follows:

568       "(F) 902.2 Fire pump room. Fire pumps and controllers shall be provided with ready  
569       access. Fire pump rooms shall be provided with doors and an unobstructed passageway large  
570       enough to allow for the removal of the largest piece of equipment. The passageway shall have  
571       a clear width not less than 72 inches. Openings into the room shall be clear and unobstructed,  
572       with doors swinging in the outward direction from the fire pump room and the opening  
573       providing a clear width of not less than 68 inches and a clear height of the door opening shall

574 not be less than 80 inches. The door shall be permitted to be locked provided that the key is  
575 available at all times and located in a Key Box in accordance with Section 506 of the  
576 International Fire Code.

577 (F) 902.3 Automatic sprinkler riser room. Automatic sprinkler system risers shall be  
578 provided with ready access. Automatic sprinkler system riser rooms shall be provided with  
579 doors and an unobstructed passageway large enough to allow for the removal of the largest  
580 piece of equipment. The passageway shall have a clear width not less than 36 inches. Openings  
581 into the room shall be clear and unobstructed, with doors swinging in the outward direction  
582 from the riser room and the opening providing a clear width of not less than 32 inches and a  
583 clear height of the door opening shall not be less than 80 inches. The door shall be permitted to  
584 be locked provided that the key is available at all times and located in a Key Box in  
585 accordance with Section 506 of the International Fire Code.

586 (F) 902.4 Marking on access doors. Access doors for automatic sprinkler system riser  
587 rooms and fire pump rooms shall be labeled with an approved sign. The lettering shall be in  
588 contrasting color to the background. Letters shall have a minimum height of [2] two inches (51  
589 mm) with a minimum stroke of 3/8 inch (10 mm).

590 (F) 902.5 Environment. Automatic sprinkler system riser rooms and fire pump rooms  
591 shall be maintained at a temperature of not less than 40 degrees Fahrenheit (4 degrees Celsius).  
592 Heating units shall be permanently installed.

593 (F) 902.6 Lighting. Permanently installed artificial illumination shall be provided in the  
594 automatic sprinkler system riser rooms and fire pump rooms."

595 [(4)] (3) IBC, Section (F)903.2.2, is deleted and replaced with the following:

596 "(F) 903.2.2 Ambulatory care facilities. An automatic sprinkler system shall be installed  
597 throughout the building containing an ambulatory care facility where either of the following  
598 conditions exist at any time.

- 599 1. Four or more care recipients are incapable of self-preservation.
- 600 2. One or more care recipients that are incapable of self-preservation are located at other  
601 than the level of exit discharge serving such a facility."

602 [(5)] (4) IBC, Section (F)903.2.4, condition 2, is deleted and replaced with the following:

603 "2. A Group F-1 fire area is located more than three stories above the lowest level  
604 of fire department vehicle access."

605 [(6)] (5) IBC, Section (F)903.2.7, condition 2, is deleted and replaced with the following:

606 "2. A Group M fire area is located more than three stories above the lowest level  
607 of fire department vehicle access."

608 [67] (6) In IBC, Section (F)903.2.8, the following exceptions are added:

609 "Exceptions:

610 1. Detached one- and two-family dwellings and multiple single-family dwellings  
611 (townhouses) constructed in accordance with the International Residential Code For One- and  
612 Two-Family Dwellings.

613 2. Single story Group R-1 occupancies with fire areas not more than 2,000 square feet  
614 that contain no installed plumbing or heating, where no cooking occurs, and constructed of  
615 Type I-A, I-B, II-A, or II-B construction.

616 3. Group R-4 fire areas not more than 4,500 gross square feet and not containing more  
617 than 16 residents, provided all residents are housed on a level of exit discharge and the  
618 building is equipped throughout with an approved fire alarm system that is interconnected and  
619 receives its primary power from the building wiring and a commercial power system."

620 [68] (7) IBC, Section (F) 903.2.8.1, is deleted.

621 [69] (8) IBC, Section (F)903.2.9, condition 2, is deleted and replaced with the following:

622 "2. A Group S-1 fire area is located more than three stories above the lowest level  
623 of fire department vehicle access."

624 [70] (9) In IBC, Section 905, a new subsection, Section (F)905.3.9, is added as follows:

625 "Open Parking Garages. Open parking garages shall be equipped with an approved  
626 Class 1 manual standpipe system when fire department access is not provided for firefighting  
627 operations to within 150 feet of all portions of the open parking garage as measured from the  
628 approved fire department vehicle access. Class 1 manual standpipe shall be accessible  
629 throughout the parking garage such that all portions of the parking structure are protected  
630 within 150 feet of a hose connection."

631 [71] (10) In IBC, Section (F)905.8, the exception is deleted and replaced with the following:

632 "Exception: Where subject to freezing and approved by the fire code official."

633 [72] (11) In IBC, Section (F)907.2.3, Group E is deleted and [rewritten as follows]

634 replaced with the following:

635 "A manual fire alarm system that initiates the occupant notification signal using an  
636 emergency voice/alarm communication system that meets the requirements of Section  
637 (F) 907.5.2.2, or a manual fire alarm system that initiates an approved audible and visual  
638 occupant notification signal that meets the requirements of Sections (F)907.5.2.1,  
639 (F)907.5.2.1.1, (F)907.5.2.1.2, and (F)907.5.2.3, and is installed in accordance with  
640 Section (F)907.6 shall be installed in Group E occupancies. Where automatic fire  
641 sprinkler systems or smoke detectors are installed, the fire sprinkler systems and smoke

642 detectors shall be connected to the building fire alarm system."

643 [13] (12) In IBC, Section (F) 907.2.3 Group E, Exception 2 is deleted and the remaining  
644 exceptions are renumbered.

645 [14] (13) In IBC, Section (F) 907.2.3 Group E, renumbered Exception 3.2 is deleted and  
646 replaced with the following:

647 "Exception 3.2 The fire alarm system will activate on fire sprinkler waterflow."

648 [15] (14) In IBC, Section (F) 907.2.3 Group E, new [seetions] Sections (F) 907.2.3.1 through  
649 (F) 907.2.3.7 are added as follows:

650 " (F) 907.2.3.1 Automatic detection devices that detect smoke shall be installed  
651 throughout all corridors and spaces open to the corridor at the maximum prescribed spacing of  
652 thirty feet on center and no more than fifteen feet from the walls or smoke detectors shall be  
653 installed as required in NFPA, Standard 72, Section 17.7.

654 (F) 907.2.3.2 Where structures are not protected or are partially protected with an  
655 automatic fire sprinkler system, approved automatic smoke detectors shall be installed in  
656 accordance with the complete coverage requirements of NFPA, Standard 72.

657 (F) 907.2.3.3 An approved key plan drawing and operating instructions shall be posted  
658 at the main fire alarm panel which displays the location of all alarm zones and if applicable,  
659 device addresses.

660 (F) 907.2.3.4 The main panel shall be located in a normally attended area such as the  
661 main office or lobby. Location of the main panel other than as stated above, shall require the  
662 review and authorization of the State Fire Marshal Division. Where location as required above  
663 is not possible, an electronically supervised remote annunciator from the main panel shall be  
664 located in a supervised area of the building. The remote annunciator shall visually indicate  
665 system power status, alarms for each zone, and give both visual and audible indication of  
666 trouble conditions in the system. All indicators on both the main panel and remote annunciator  
667 shall be adequately labeled.

668 (F) 907.2.3.5 All system wiring shall be as follows:

669 - (A) The initiating device circuits shall be designated and installed Class A as  
670 defined in NFPA, Standard 72.

671 - (B) The notification appliance circuits shall be designated and installed Class A as  
672 defined in NFPA, Standard 72.

673 - (C) Signaling line circuits shall be designated and installed Class A loop as defined  
674 in NFPA, Standard 72.

675 (F) 907.2.3.6 Fan Shutdown shall be as follows:

676       (A) Fan shut down shall be as required in the International Mechanical Code,  
677       Chapter 6, Section 606.

678       (B) Duct detectors required by the International Mechanical Code, shall be  
679       interconnected and compatible with the fire alarm system."

680       [~~16~~] 15 IBC, Section (F) 915.2.3 Group E occupancies is deleted and replaced with the  
681       following:

682       "(F) 915.2.3 Group E occupancies. Carbon monoxide detectors shall be installed in the  
683       following areas within Group E occupancies:

684       (1) Boiler rooms, furnace rooms, and similar rooms, or in adjacent areas where  
685       carbon monoxide is likely to spread. (The installation of carbon monoxide detectors in boiler  
686       rooms and furnace rooms may cause a false alarm problem. Installing these detectors in  
687       adjacent spaces where the carbon monoxide is likely to spread from these spaces may be a  
688       better option.)

689       (2) Home economics rooms with gas appliances.  
690       (3) School kitchens with gas appliances. (Commercial kitchens).  
691       (4) Arts rooms and other areas with a gas kiln or open flame.  
692       (5) Gas roof top units, and other carbon monoxide producing HVAC units, one per  
693       zone. (The zone shall be the area covered by the HVAC unit.)

694       (6) In areas with gas wall units.  
695       (7) In areas with a gas water heater or boiler.  
696       (8) Areas with a forge or foundry.  
697       (9) Metal shop or auto shop areas or in adjacent areas where carbon monoxide is  
698       likely to spread. (The installation of carbon monoxide detectors in metal shop or auto shop  
699       areas may cause a false alarm problem. Installing these detectors in adjacent spaces, i.e. class  
700       rooms or corridors, where the carbon monoxide is likely to spread from these spaces may be a  
701       better option.)

702       (10) Labs with open flame.  
703       (11) HVAC units drawing outside air that could be contaminated with carbon  
704       monoxide.  
705       (12) Other areas with an open flame or fuel fired appliance.

706       (F) 915.2.3.1 Carbon monoxide alarm signals shall be automatically transmitted to an  
707       onsite location that is staffed by school personnel.

708       Exception: Carbon monoxide alarm signals shall not be required to be automatically  
709       transmitted to an onsite location that is staffed by school personnel in Group E occupancies

710 with an occupant load of 30 or less."

711 [17] (16) A new IBC, Section (F) 915.7 is added as follows:

712 (F) 915.7 Carbon monoxide systems in Group E occupancies. Carbon monoxide  
713 systems may be part of a fire alarm system or standalone system.

714 (F) 915.7.1 Power and wiring.

715 (F) 915.7.1.1 Power. Carbon monoxide detection systems shall require a primary and  
716 secondary power source.

717 (F) 915.7.1.2 Wiring. Class "A" wiring is required when the carbon monoxide system is  
718 part of, or connected to, a fire alarm system. Standalone carbon monoxide detection systems  
719 may use Class "B" wiring. All wiring shall be Class "A" or "B."

720 (F) 915.7.2 Equipment shut down. Equipment and appliances that are producing carbon  
721 monoxide shall shut down automatically in the zone involved upon carbon monoxide system  
722 activation.

723 (F) 915.7.3 Notification.

724 (F) 915.7.3.1 Local alarm. Each occupied space shall sound an audible alarm when  
725 detecting carbon monoxide at a level in excess of 70 ppm for one hour.

726 (F) 915.7.3.2 General alarm. A blue strobe, visual alarm, is required in a normally  
727 occupied location, similar to the administrative offices, when carbon monoxide is detected in  
728 the facility in excess of 70 ppm for one hour.

729 (F) 915.7.3.2.1 The general alarm shall require a manual reset following an alarm  
730 activation.

731 (F) 915.7.3.3 Digital notification. Portable carbon monoxide detectors, with digital read  
732 out indicating parts per million of carbon monoxide, in a space to determine the level of hazard  
733 in a given space.

734 (F) 915.7.4 Monitoring. System monitoring is not required. If the system is monitored,  
735 the signal should be a supervisory signal indicating carbon monoxide.

736 (F) 915.7.5 Inspection.

737 (F) 915.7.5.1 The carbon monoxide detection system shall be tested in the presence of a  
738 Deputy or Special Deputy of the State Fire Marshal Division. The Deputy shall require "spot  
739 testing" of the system and its components.

740 (F) 915.7.5.2 Before requesting final inspection and approval, the installing contractor  
741 shall test each component of the system and issue a statement of compliance, in writing, to the  
742 State Fire Marshal Division that the carbon monoxide detection system has been installed in  
743 accordance with approved plans and has been tested in accordance with the manufacturer's

744 specifications, and the appropriate installation standard.

745 (F) 915.7.5.3 Systems shall be tagged with the State approved tag for fire alarm  
746 systems, upon final approval and shall be inspected and tagged annually by an individual  
747 certified as a Master Fire Alarm Technician, by the State Fire Marshal Division.

748 (F) 915.7.6 Evacuation. The affected area within Group E occupancies shall be  
749 evacuated when carbon monoxide is detected at a level in excess of 70 ppm for one hour in  
750 that area."

751 Section 5. Section **15A-3-105** is amended to read:

752 **15A-3-105 (Effective 07/01/26). Amendments to Chapters 10 through 12 of IBC.**

753 (1) In IBC, Section 1010.2.4, number (2), the following is added at the end of the sentence:  
754 "Blended assisted living facilities shall comply with Section [1010.2.14.1] 1010.2.13.1."

755 (2) A new IBC, Section [1010.2.14.1] 1010.2.13.1, is added as follows:

756 ["1010.2.14.1] 1010.2.13.1 Blended assisted living facilities. In occupancy Group  
757 I-1, Condition 2 or Group I-2, a Type-II assisted living facility licensed by the  
758 Department of Health and Human Services for residents with Alzheimer's or dementia,  
759 and having a controlled egress locking system to prevent operation from the egress side  
760 shall be permitted to also house residents without a clinical need for their containment  
761 where all of the following provisions are met:

762 (a) locks in the means of egress comply with all IBC requirements for controlled egress  
763 doors;  
764 (b) all residents without a clinical need for their containment shall have the keys, codes,  
765 or other means necessary to exit the facility, in a manner that is determined by the  
766 facility operator and communicated to the resident or their legal representative;  
767 (c) residents or their legal representative acknowledge in writing that they understand  
768 and agree to living in a facility where egress is controlled; and  
769 (d) the number of residents housed [in a smoke compartment] with controlled egress  
770 shall not be greater than 30."

771 (3) In IBC, Section 1011.5.2, [exeption] Exception 3 is deleted and replaced with the  
772 following:

773 ["] 3. In Group R-3 occupancies, within dwelling units in Group R-2  
774 occupancies, and in Group U occupancies that are accessory to a Group R-3 occupancy,  
775 or accessory to individual dwelling units in Group R-2 occupancies, the maximum riser  
776 height shall be [8] eight inches (203 mm) and the minimum tread depth shall be [9] nine  
777 inches (229 mm). The minimum winder tread depth at the walk line shall be 10 inches

778 (254 mm), and the minimum winder tread depth shall be [6] six inches (152 mm). A  
779 nosing not less than 0.75 inch (19.1 mm) but not more than 1.25 inches (32 mm) shall be  
780 provided on stairways with solid risers where the tread depth is less than 10 inches (254  
781 mm)."

782 (4) In IBC, Section 1011.11, a new [exception] Exception 6 is added as follows:

783 [—] "6. In occupancies in Group R-3, as applicable in Section 101.2 and in  
784 occupancies in Group U, which are accessory to an occupancy in Group R-3, as  
785 applicable in Section 101.2, handrails shall be provided on at least one side of stairways  
786 consisting of four or more risers."

787 (5) In IBC, Section 1025, is deleted.

788 (6) In IBC, Section 1104.4, [exception] Exception 1.5 is deleted.

789 (7) In IBC, Section 1110.4.1(4), the following is added at the end of the sentence:

790 "as defined in Section 72-7-502 of the Utah Code."

791 Section 6. Section **15A-3-106** is amended to read:

**15A-3-106 (Effective 07/01/26). Amendments to Chapters 13 through 15 of IBC.**

793 (1) IBC, Chapters 13[, 14, and 15] and 14 are not amended.

794 (2) In IBC, Section 1512.2, a new Exception 2 is added as follows:

795 "(2) Any existing layers of polyisocyanurate insulation shall be permitted to  
796 remain in place if the roof decking is in serviceable condition and the insulation is not  
797 damaged, deteriorated or water soaked. All other types of roof insulation and any areas  
798 of damage, deteriorated or water soaked polyisocyanurate insulation are to be removed  
799 and replaced with new."

800 Section 7. Section **15A-3-107** is amended to read:

**15A-3-107 (Effective upon governor's approval). Amendments to Chapter 16 of  
IBC.**

803 [(1) In IBC, Table 1604.5, Risk Category III, in the sentence that begins "Group I-2  
804 Condition 1," a new footnote e is added as follows: "e. Type II Assisted Living  
805 Facilities that are I-2 Condition 1 occupancy classifications in accordance with Section  
806 308 shall be Risk Category II in this table."]

807 [(2)] (1) In IBC, Section 1605.1, Exception 2 is deleted and replaced with the following:

808 "2. Where the allowable stress design load combinations of ASCE 7 Section 2.4 are  
809 used, flat roof snow loads of [30] 45 pounds per square foot [(1.44kN/m<sup>2</sup>) (2.15kN/m<sup>2</sup>) or less  
810 and roof live loads of [30] 45 pounds per square foot [(1.44kN/m<sup>2</sup>) (2.15kN/m<sup>2</sup>) or less need  
811 not be combined with seismic loads. Where flat roof snow loads exceed [30] 45 pounds per

812 square foot [ $(1.44\text{ kN/m}^2)$ ] [ $(2.15\text{ kN/m}^2)$ ], the snow loads [may be reduced] shall be in  
 813 accordance with the following in load combinations including both snow and seismic loads. S  
 814 as calculated below, shall be combined with seismic loads.

815  $S = [(0.20 + 0.025(A-5)) (0.15 + 0.016(A-5))]$  Proof, where S shall be greater than or  
 816 equal to [0.20 Proof] 0.15 Proof.

817 Where:

818 S = Weight of snow to be used in combination with seismic loads[.]

819 A = Elevation above sea level at the location of the structure (ft/1,000)

820 Proof = Design roof snow loads, Pf or Ps, psf

821 For the purpose of this section, snow load shall be assumed uniform on the horizontal  
 822 projection without including the effects of drift or sliding. The Importance Factor, I, Risk  
 823 Category factor used in calculating Pf may be considered [1.0] Risk Category II."

824 [(3)] (2) In IBC, Section 1605.1 a new [exception 4] Exception 5 is added as follows:

825 ["4-] 5. ASCE [7-16] 7-22 Section 2.3.6 Equation 6 shall be modified to  $1.2D + Ev +$   
 826  $Eh + L + f2S$  and  $1.2D + Ev + Emh + L + f2S$  with  $f2 = [(0.20 + 0.025(A-5))]$   $f2 = (0.15 + 0.016$   
 827  $(A-5))$  where the roof snow load exceeds [30] 45 pounds per square foot [ $(1.44\text{ kN/m}^2)$ ]  
 828 [ $(2.15\text{ kN/m}^2)$ ]. Where A = Elevation above sea level at the location of the structure (ft/1000). f2  
 829 = 0 for roof snow loads of [30] 45 pounds per square foot [ $(1.44\text{ kN/m}^2)$ ] [ $(2.15\text{ kN/m}^2)$  or less.]"

830 [(4) IBC, Section 1608.1, is deleted and replaced with the following: "1608.1 General.  
 831 Except as modified in Sections 1608.1.1 and 1608.1.2, design snow loads shall be  
 832 determined in accordance with Chapter 7 of ASCE 7, but the design roof load shall not  
 833 be less than that determined by Section 1607. Where the minimum live load, in  
 834 accordance with Section 1607, is greater than the design roof snow load, the live load  
 835 shall be used for design, but it may not be reduced to a load lower than the design roof  
 836 snow load. Drifting need not be considered for design roof snow loads, less than 20 psf."]

837 [(5) A new IBC, Section 1608.1.1, is added as follows: "1608.1.1 Ice dams and icicles  
 838 along eaves. Section 7.4.5 of Chapter 7 of ASCE 7 referenced in IBC Section 1608.1 is  
 839 deleted and replaced with the following: 7.4.5 Ice Dams and Icicles Along Eaves.  
 840 Where ground snow loads exceed 75 psf, eaves shall be capable of sustaining a  
 841 uniformly distributed load of 2 psf on all overhanging portions. No other loads except  
 842 dead loads shall be present on the roof when this uniformly distributed load is applied.  
 843 All building exits under down-slope eaves shall be protected from sliding snow and ice."]

844 [(6) (3) [A new IBC, Section 1608.1.2] A new IBC, Section 1608.1.1, is added as follows:  
 845 ["1608.1.2] "1608.1.1. Drifts on adjacent structures. Section 7.7.2 of ASCE 7

846 referenced in IBC, Section 1608.1, is deleted and replaced with the following:

847 7.7.2 Adjacent structures. At lower adjacent structures, the requirements of  
 848 Section 7.7.1 shall be used to calculate windward and leeward drifts. The resulting drift  
 849 is permitted to be truncated."

850 ~~[7) A new IBC, Section 1608.2.1 is added as follows: "1608.2.1 Utah ground snow loads.~~

851 ~~Section 7.2 of ASCE 7 referenced in IBC, Section 1608.1 is modified as follows:]~~

852 ~~[(a) In paragraph 1, 7.2-8 is deleted and replaced with 7.2-9.]~~

853 ~~[(b) On Figure 7.2-1, remove CS and other ground snow load values in the state of Utah.~~

854 ~~Add red shaded region for the state of Utah with the following note: See note for  
 855 Utah.]~~

856 ~~[(e) The following is added to the Note on Figure 7.2.1: See Table 7.2-9 for Utah.]~~

857 ~~[(d) Add Table 7.2-9 as follows:]~~

858 [TABLE 7.2-9

859 GROUND SNOW LOADS FOR SELECTED LOCATIONS IN UTAH

860 City/Town	County	Ground Snow Load (lb/ft <sup>2</sup> )	Elevation (ft)
861 Beaver	Beaver	35	5886
862 Brigham City	Box Elder	42	4423
863 Castle Dale	Emery	32	5669
864 Coalville	Summit	57	5581
865 Duchesne	Duchesne	39	5508
866 Farmington	Davis	35	4318
867 Fillmore	Millard	30	5138
868 Heber City	Wasatch	60	5604
869 Junction	Piute	27	6030
870 Kanab	Kane	25	4964
871 Lea	Wayne	37	7060
872 Logan	Cache	43	4531
873 Manila	Daggett	26	6368
874 Manti	Sanpete	37	5620
875 Moab	Grand	21	4029

876	Monticello	San Juan	67	7064
877	Morgan	Morgan	52	5062
878	Nephi	Juab	39	5131
879	Ogden	Weber	37	4334
880	Panguitch	Garfield	41	6630
881	Parowan	Iron	32	6007
882	Price	Carbon	31	5558
883	Provo	Utah	31	4541
884	Randolph	Rich	50	6286
885	Richfield	Sevier	27	5338
886	St. George	Washington	21	2585
887	Salt Lake City	Salt Lake	28	4239
888	Tooele	Tooele	35	5029
889	Vernal	Uintah	39	5384

890 Note: To convert lb/ft<sup>2</sup> to kN/m<sup>2</sup>, multiply by 0.0479. To convert feet to meters, multiply by 0.3048.

1. ~~Statutory requirements of the Authority Having Jurisdiction are not included in this state ground snow load table.~~
2. ~~For locations where there is substantial change in altitude over the city/town, the load applies at and below the cited elevation, with a tolerance of 100 ft (30 m).~~
3. ~~For other locations in Utah, see Bean, B., Maguire, M., Sun, Y. (2018), "The Utah Snow Load Study," Utah State University Civil and Environmental Engineering Faculty Publications, Paper 3589, <http://utahsnowload.usu.edu/>, for ground snow load values."~~

891 [8)] (4) A new IBC, Section 1613.1.1, is added as follows:

892 "1613.1.1 Effective Seismic Weight. In ASCE 7 12.7.2 and 12.14.8.1 as referenced in  
893 Section 1613.1, Definition of W, Item 4 is deleted and replaced with the following:

894 4. Where flat roof snow load, Pf, exceeds ~~[30 psf (1.44kN/m<sup>2</sup>) 45 pounds per square~~  
895 ~~foot (2.15kN/m<sup>2</sup>)~~, the snow load included in the effective seismic weight shall be calculated,  
896 in accordance with the following equation: ~~[Ws = (0.20 + 0.025(A-5))Pf >= 0.20 Pf]~~ Ws = (0.15  
897 + 0.016(A-5))Pf >= 0.15 Pf.

898 [WHERE] Where:

899 Ws = Weight of snow to be included as effective seismic weight

900 A = Elevation above sea level at the location of the structure (ft./1,000)

901 Pf = Design flat roof snow load, psf.

902 For the purposes of this section, snow load shall be assumed uniform on the horizontal  
 903 projection without including the effects of drift or sliding. The [Importance Factor, Is,] Risk  
 904 Category factor used in calculating Pf may be considered [1.0] Risk Category II for use in the  
 905 formula for Ws."

906 (5) A new IBC, Section 1613.1.2, is added as follows:

907 "1613.1.2 Equivalent Lateral Forces (ELF) Procedure. In ASCE 7 Section 12.8.1.1  
 908 the first paragraph is deleted and replaced with the following: Where the design special  
 909 acceleration parameter Sa determined in accordance with either Section 11.4.5.1 or  
 910 Chapter 21 is available, Method 1 shall be used to determine the seismic response  
 911 coefficient, Cs. Where Exception 2 of Section 11.4.5 applies, Method 1 shall not be  
 912 used. The lower bound for the seismic response coefficient, Cs, provided in Eq.12.8-6 or  
 913 12.8-7 shall be applicable for both Method 1 and Method 2."

914 Section 8. Section **15A-3-108** is amended to read:

915 **15A-3-108 (Effective upon governor's approval). Amendments to Chapters 17**  
 916 **through 19 of IBC.**

917 (1) A new IBC, Section 1807.1.6.4, is added as follows:

918 "1807.1.6.4 Empirical concrete foundation design. Group R, Division 3  
 919 Occupancies three stories or less in height, and Group U Occupancies, which are  
 920 constructed in accordance with Section 2308, or with other methods employing  
 921 repetitive wood-frame construction or repetitive cold-formed steel structural member  
 922 construction, shall be permitted to have concrete foundations constructed in accordance  
 923 with Table 1807.1.6.4."

924 (2) A new IBC, Table 1807.1.6.4 is added as follows:

925 "TABLE 1807.1.6.4

926 EMPIRICAL FOUNDATION WALLS (1,7,8)

Max. Height	Top Edge Support	Min. Thickness	Vertical Steel (2)	Horizontal Steel (3)	Steel at Openings (4)	Max. Lintel Length	Min. Lintel Length
2'(610 mm)	None	6"	(5)	2- #4 Bars	2- #4 Bars above	2'(610 mm)	2" for each foot of opening width;

					1- #4 Bar each side 1- #4 Bar below		min. 6"
929	3'(914 mm)	None	6"	#4@3 2"	3- #4 Bars 2- #4 Bars above 1- #4 Bar each side 1- #4 Bar below	2'(610 mm)	2" for each foot of opening width; min. 6"
930	4'(1,219 mm)	None	6"	#4@3 2"	4- #4 Bars 2- #4 Bars above 1- #4 Bar each side 1- #4 Bar below	3'(914 mm)	2" for each foot of opening width; min. 6"
931	6'(1,829 mm)	Floor or roof Di-aphra gm (6)	8"	#4@2 4"	5- #4 Bars 2- #4 Bars above 1- #4 Bar each side 1- #4 Bar below	6'(1,829 mm)	2" for each foot of opening width; min. 6"
932	8'(2,438 mm)	Floor or roof Di-aphra gm (6)	8"	#4@2 4"	6- #4 Bars 2- #4 Bars above 1- #4 Bar each side 1- #4 Bar below	6'(1,829 mm)	2" for each foot of opening width; min. 6"
933	9'(2,743 mm)	Floor or roof Di-aphra gm (6)	8"	#4@1 6"	7- #4 Bars 2- #4 Bars above 1- #4 Bar each side	6'(1,829 mm)	2" for each foot of opening width; min. 6"

					1- #4 Bar be- low		
934	Over 9'(2,743 mm), Engineering required for each column						
935	Footnotes:						
936	(1) Based on 3,000 psi (20.6 Mpa) concrete and 60,000 psi (414 Mpa) reinforcing steel.						
937	(2) To be placed in the center of the wall, and extended from the footing to within three inches (76 mm) of the top of the wall; dowels of #4 bars to match vertical steel placement shall be provided in the footing, extending 24 inches (610 mm) into the foundation wall.						
938	(3) One bar shall be located in the top four inches (102 mm), one bar in the bottom four inches (102 mm) and the other bars equally spaced between. Such bar placement satisfies the requirements of Section 1808.8.6. Corner reinforcing shall be provided so as to lap 24 inches (610 mm).						
939	(4) Bars shall be placed within two inches (51 mm) of the openings and extend 24 inches (610 mm) beyond the edge of the opening; vertical bars may terminate three inches (76 mm) from the top of the concrete.						
940	(5) Dowels of #4 bar at 32 inches on center shall be provided in the footing, extending 18 inches (457 mm) into the foundation wall.						
941	(6) Diaphragm shall conform to the requirements of Section 2308.						
942	(7) Footing shall be a minimum of nine inches thick by 20 inches wide.						
943	(8) Soil backfill shall be soil classification types GW, GP, SW, or SP, per Table 1610.1. Soil shall not be submerged or saturated in groundwater."						
944	(3) A new <u>[IBC, Section 1905.1.9] Section 1904.3</u> , is added as follows:						
945	["1905.1.9] <u>1904.3</u> ACI 318, Section 19.3.1.1." Modify ACI 318, Table 19.3.1.1 to						
946	read as follows: In the portion of the table designated as "Conditions", the following Exposure						
947	category and class is deleted and replaced with the following:						
948	"F0: Concrete elements not exposed to freezing and thawing cycles including footing						
949	elements, such as footings, tie beams, piles, and pile caps, etc., that are completely buried in						
950	soil."						
951	(4) <u>A new IBC, Section 1905.8</u> , is added as follows:						
952	<u>"1905.8 In ACI 318, Section 18.10.3 is deleted and replaced with the following:</u>						
953	<u>18.10.3 Design Forces:</u>						
954	<u>18.10.3.1 Design shear forces for horizontal wall segments, including coupling</u>						
955	<u>beams, shall be in accordance with 18.10.7.</u>						

956 18.10.3.2 Design shear forces for wall piers shall be in accordance with 18.10.8.  
 957 18.10.3.3 Design shear forces for parts of walls not covered by 18.10.3.1 or 18.10.3.2  
 958 shall be in accordance with the requirements of 18.10.3.3.1 through 18.10.3.3.5.  
 959 18.10.3.3.1 If the wall design actions are determined in accordance with nonlinear  
 960 dynamic analysis procedures satisfying Appendix A, design forces shall be as  
 961 determined in Appendix A.  
 962 18.10.3.3.2 If the design shear force is determined by linear analysis procedures of  
 963 the general building code, it shall be amplified by the product  $\Omega_v \omega_v$ , where  $\Omega_v$  and  $\omega_v$ , are  
 964 defined in 18.10.3.3.3 through 18.10.3.3.5.  
 965 18.10.3.3.3  $\Omega_v$  and  $\omega_v$ , shall be in accordance with Table 18.10.3.3.3. Alternatively, it  
 966 shall be permitted to calculate  $\Omega_v = M_{pr}/M_u$  at the critical section for flexure, where  $M_{pr}$   
 967 is calculated for axial force that includes the effects of and the expected gravity loads,  
 968 with expected gravity loads in accordance with ASCE/SEI 7 Section 16.3.2.

969 Table 18.10.3.3.3 Factors  $\Omega_v$  and  $\omega_v$ 

970 Condition	971 $\Omega_v$	972 $\omega_v$
971 <u><math>hw_{cs}/lw \leq 1.0</math></u>	972 <u>1.0</u>	973 <u>1.0</u>
972 <u><math>1.0 &lt; hw_{cs}/lw &lt; 2.0</math></u>	973 <u>Linear interpolation permitted between 1.0 and 1.5</u>	974 <u>1.0</u>
973 <u><math>hw_{cs}/lw \geq 2.0</math></u>	974 <u>1.5</u>	975 <u><math>0.8 + 0.09hn^{1/3}</math></u> <u>1.0</u>

974 18.10.3.3.4 If the general building code includes provision to account for over  
 975 strength of the seismic-force-resisting system, it shall be permitted to take  $\Omega_v \omega_v$  equal to  $\Omega_o$ .  
 976 18.10.3.3.5 If  $3 \Omega_v \omega_v = \Omega_o$ , it shall be permitted to take the redundancy factor contained  
 977 in the general building code equal to 1.0 for determination of the design shear force."

978 (5) A new IBC, Section 1905.9, is added as follows:

979 "1905.9 In ACI 318, Section 21.2.4.1, the following words are added after the words  
 980 "resist E", except for walls where  $\Omega_v \geq 1.5$  or if  $\omega_v$  is taken as equal to  $\Omega_o$ ."

981 (6) A new IBC, Section 1909, Modifications to ACI 318, is added as follows:

982 "1909.1 General. The text of ACI 318 shall be modified as indicated in Sections  
 983 1909.2 through 1909.5.

984 1909.2 ACI 318 Section 13.2.6.2, For shallow foundation members continuously  
 985 supported by soil and designed based upon the assumption of rigid behavior of the  
 986 shallow member, (a) and (b) shall be permitted:

(a) For one-way shear strength,  $V_c$  shall be taken as:  $V_c = 2\lambda\sqrt{f_l c b w d}$ .

(b) For two-way shear strength, the size factor,  $\lambda_s$ , specified in 22.6 shall be taken equal to 1.0.

1909.3 ACI 318, Section 13.3.6.1.1 is added as follows:

13.3.6.1.1 It shall be permitted to calculate  $V_c$  for cantilever retaining wall as  $V_c = 2\lambda\sqrt{f_l c b w d}$ .

1909.4 ACI 318, Section 13.3.7 Basement Walls is added as follows:

13.3.7.1 The design of basement walls to resist out-of-plane lateral earth pressures shall satisfy (a) through (e):

(a) Basement walls shall be designed as one-way slabs in accordance with the applicable provision of Chapter 7 or as two-way slabs in accordance with the applicable provision of Chapter 8.

(b) Basement walls shall be designed to resist hydrostatic pressure, if applicable.

(c) It shall be permitted to calculate the one-way shear strength of concrete as  $V_c = 2\lambda\sqrt{f_l c b w d}$ .

(d) For two-way shear strength, the size effect factor  $\lambda_s$ , as specified in 22.6 shall be taken equal to 1.0.

(e) Basement walls shall satisfy the applicable provision of Chapter 18.13.3.7.2. For loads other than out-of-plane lateral earth pressure, basement walls shall satisfy the applicable provisions of Chapter 11."

(7) 1909.5 ACI 318, Section 22.5.5.1.1, is deleted and replaced with the following:

"22.5.5.1.1  $V_c$  shall not be taken as greater than  $5\lambda\sqrt{f_l c b w d}$ .  $V_c$  need not be taken less than  $\lambda\sqrt{f_l c b w d}$  except in cases (a) or (b):

(a) elements subject to net axial tension

(b) if Sections 18.6.5.2 or 18.7.6.2.1 apply."

Section 9. Section **15A-3-110** is amended to read:

**15A-3-110 (Effective 07/01/26). Amendments to Chapters 23 through 25 of IBC.**

(1) A new [IBC, Section 2306.1.5] IBC, Section 2306.1.6, is added as follows:

["2306.1.5] "2306.1.6 Load duration factors. [-]The allowable stress increase of 1.15 for snow load, shown in Table 2.3.2, Frequently Used Load Duration Factors,  $C_d$ , of the National Design Specifications, shall not be utilized at elevations above 5,000 feet (1,524 M)."

(2) [In] [IBC, Section 2308.3.1] In IBC, Section 2308.7.1, the words "6 feet (1829 mm)" and "4 feet (1219 mm)" are deleted and each replaced with the words "32 inches."

1021 (3) A new IBC, Section 2406.6, is added as follows:

1022 "2406.6 Glazing in Educational Occupancies (K-12). Exterior entrance level  
1023 windows within 25 feet of an exterior entrance shall have ballistic glass or security  
1024 glazing, extending from ground level to a minimum height of six feet from ground level.  
1025 Windows surrounding the interior of the classroom entrance or instructional areas  
1026 shall have ballistic glass or security glazing installed, extending from the floor to a  
1027 minimum height of six feet from the floor.

1028 2406.6.1 Standard for Security Glazing in Educational Occupancies (K-12). For the  
1029 purpose of this section, Ballistic glass is defined as glass certified at a minimum level of:  
1030 (i) Underwriters Laboratories Standard UL752-23, Standard for Bullet-Resisting  
1031 Equipment, Threat Level UL-RF-E from Table C1 (Legacy Level) (2023); or  
1032 (ii) ASTM F3279-24, Standard Test Methods for Ballistic Resistant Security Glazing  
1033 Materials, Threat and Performance Level 4, Ballistic Test Identity (BTI) R1-T1-C5-2L  
1034 under Table 1, Ballistic Criteria (2021).

1035 Security glazing is defined as a clear or tinted durable material applied to glass doors  
1036 and windows that enhances the structural integrity of the glass by preventing it from  
1037 shattering and falling to the ground when impacted by an object and meets the minimum  
1038 standard established by:

1039 (i) ASTM F3561, Standard Test Method for Forced-Entry-Resistance of Fenestration  
1040 Systems After Simulated Active Shooter Attack, minimum level 3 of Table 2, Potential  
1041 Energy of Impact and Drop Height (2023); or  
1042 (ii) ANSI Z97.1-15 (R20) American National Standards For Safety Glazing Materials  
1043 used in Buildings safety performance specifications and methods of test, shall meet the  
1044 durability requirements of Sections 5.3 and 5.4.

1045 References:

1046 Minimum Safety and Security Standards for School Facilities

1047 State Security Chief: Subsections 53-22-102(3)(b) and (c)

1048 County Security Chief: Subsection 53-22-103(2)

1049 State Board of Education Construction Guidelines: Sections 53E-3-702; 53E-3-706

1050 Panic device: Section 56G-8-805"

1051 Section 10. Section **15A-3-202** is amended to read:

1052 **15A-3-202 (Effective 07/01/26). Amendments to Chapters 1 through 5 of IRC.**

1053 (1) In IRC, Section R101.2, Exception, [the words] the following words are deleted:

1054 "where provided with an automatic sprinkler system complying with Section

1055 P2904."[-are deleted.]

1056 (2) In IRC, Section R101.2, Exception, [the words] the following words are added:

1057 "6. A triplex or fourplex of no more than two levels with 2-hour  
1058 fire-resistance-rated vertical shared wall assemblies tested in accordance with ASTM  
1059 E119 or UL263, 1-hour fire-resistance-rated horizontal floor assemblies tested in  
1060 accordance with ASTM E119 or UL263, and independent egress for each unit."[-are  
1061 added.]

1062 (3) In IRC, Section R102, a new Section R102.7.2 is added as follows:

1063 "R102.7.2 Physical change for bedroom window egress. A structure whose egress  
1064 window in an existing bedroom is smaller than required by this code, and that complied  
1065 with the construction code in effect at the time that the bedroom was finished, is not  
1066 required to undergo a physical change to conform to this code if the change would  
1067 compromise the structural integrity of the structure or could not be completed in  
1068 accordance with other applicable requirements of this code, including setback and  
1069 window well requirements."

1070 (4) In IRC Section R105.2, under Building, the following changes are made:

1071 (a) Number 3 is deleted and replaced with the following:

1072 "3. Retaining walls retaining less than [4] four feet (1219mm) of unbalanced  
1073 fill, unless supporting a surcharge or requiring design per Section R404.4."

1074 (b) Number 10 is deleted and replaced with the following:

1075 "10. Decks that are not more than 30 inches (762mm) above grade at any point  
1076 and not requiring guardrails, that do not serve exit door required by Section R311.4."

1077 (5) In IRC, Section R105.2, a new exception is added:

1078 "11. Grade level, non-connected conex boxes, less than 350 square feet, used for  
1079 storage only."

1080 (6) In IRC, Section R108.3, the following sentence is added at the end of the section:

1081 "The building official shall not request proprietary information."

1082 (7) In IRC, Section 109.1.5, is deleted and replaced with the following:

1083 "R109.1.5 Other inspections. In addition to the inspections listed in R109.1.1  
1084 through R109.1.4, the building official shall have the authority to inspect the proper  
1085 installation of insulation. R109.1.5.1 Weather-resistant exterior wall envelope  
1086 inspections. An inspection shall be made of the weather-resistant exterior wall envelope  
1087 as required by Section R703.1 and flashings as required by Section R703.4 to prevent  
1088 water from entering the weather-resistive barrier. R109.1.5.2 Fire-resistance-rated

1089 construction inspection. Where fire-resistance-rated construction is required between  
1090 dwelling units or due to location on property, the building official shall require an  
1091 inspection of such construction after lathing or gypsum board or gypsum panel products  
1092 are in place, but before any plaster is applied, or before board or panel joints and  
1093 fasteners are taped and finished."

1094 (8) In IRC, Section R202, the following definition is added:

1095 "ACCESSORY DWELLING UNIT: A habitable living unit created within the  
1096 existing footprint of a primary owner-occupied single-family dwelling."

1097 (9) In IRC, Section R202, the definition for ["Approved] **APPROVED** is modified by  
1098 adding the words "or independent third-party licensed engineer or architect and  
1099 submitted to the building official" after the word "official."

1100 (10) In IRC, Section R202, the definition for ["Approved Agency] **APPROVAL AGENCY**  
1101 " is modified by replacing the word "and" with "or."

1102 (11) In IRC, Section 202, the definition for ["Approved Source] **APPROVED SOURCE** is  
1103 modified by adding the words "or licensed engineer or architect" after the word  
1104 "official."

1105 (12) In IRC, Section R202, the following definition is added:

1106 "CERTIFIED BACKFLOW PREVENTER ASSEMBLY TESTER: A person who  
1107 has shown competence to test Backflow prevention assemblies to the satisfaction of the  
1108 authority having jurisdiction under Utah Code, Subsection 19-4-104(4)."

1109 (13) In IRC, Section R202, the definition of ["Cross Connection] **CROSS CONNECTION**  
1110 is deleted and replaced with the following:

1111 "CROSS CONNECTION. Any physical connection or potential connection or  
1112 arrangement between two otherwise separate piping systems, one of which contains  
1113 potable water and the other either water of unknown or questionable safety or steam,  
1114 gas, or chemical, whereby there exists the possibility for flow from one system to the  
1115 other, with the direction of flow depending on the pressure differential between the two  
1116 systems (see "Backflow, Water Distribution")."

1117 (14) In IRC, Section 202, the following definition is added:

1118 "DUAL SOURCE CONNECTION. A pipe that is installed so that either the  
1119 nonpotable (i.e. secondary) irrigation water or the potable water is connected to a  
1120 pressurized irrigation system at one time, but not both at the same time; or a pipe that is  
1121 installed so that either the potable water or private well water is connected to a residence  
1122 at one time, but not both at the same time. The potable water supply line shall be

1123 protected by a reduced pressure backflow preventer."

1124 (15) In IRC, Section 202, the following definition is added:

"ENERGY STORAGE SYSTEM (ESS). One or more devices, assembled together, that are capable of storing energy for supplying electrical energy at a future time."

1128 (16) In IRC, Section 202, in the definition for [gray water] "**GRAY WATER**", a comma is  
1129 inserted after the word "washers"; the word "and" is deleted; and the following is added  
1130 to the end:

1131 "and clear water wastes which have a pH of 6.0 to 9.0; are non-flammable;  
1132 non-combustible; without objectionable odors; non-highly pigmented; and will not  
1133 interfere with the operation of the sewer treatment facility."

1134 (17) In IRC, Section R202, the definition of "~~Potable Water~~ **POTABLE WATER**" is  
1135 deleted and replaced with the following:

1136 "POTABLE WATER. Water free from impurities present in amounts sufficient to  
1137 cause disease or harmful physiological effects and conforming to the Utah Code, Title  
1138 19, Chapter 4, Safe Drinking Water Act, and Title 19, Chapter 5, Water Quality Act, and  
1139 the regulations of the public health authority having jurisdiction."

1140 (18) In IRC, Figure R301.2 (3), is deleted and replaced with R301.2 (3) as follows:

"TABLE R301.2 (3)

## GROUND SNOW LOADS FOR SELECTED LOCATIONS IN UTAH

City/Town	County	Ground Snow Load (lb/ft <sup>2</sup> )	Elevation (ft)
Beaver	Beaver	35	5886
Brigham City	Box Elder	42	4423
Castle Dale	Emery	32	5669
Coalville	Summit	57	5581
Duchesne	Duchesne	39	5508
Farmington	Davis	35	4318
Fillmore	Millard	30	5138
Heber City	Wasatch	60	5604
Junction	Piute	27	6030
Kanab	Kane	25	4964

1154	Loa	Wayne	37	7060
1155	Logan	Cache	43	4531
1156	Manila	Daggett	26	6368
1157	Manti	Sanpete	37	5620
1158	Moab	Grand	21	4029
1159	Monticello	San Juan	67	7064
1160	Morgan	Morgan	52	5062
1161	Nephi	Juab	39	5131
1162	Ogden	Weber	37	4334
1163	Panguitch	Garfield	41	6630
1164	Parowan	Iron	32	6007
1165	Price	Carbon	31	5558
1166	Provo	Utah	31	4541
1167	Randolph	Rich	50	6286
1168	Richfield	Sevier	27	5338
1169	St. George	Washington	21	2585
1170	Salt Lake City	Salt Lake	28	4239
1171	Tooele	Tooele	35	5029
1172	Vernal	Uintah	39	5384

1173 Note: To convert lb/ft<sup>2</sup> to kN/m<sup>2</sup>, multiply by 0.0479. To convert feet to meters, multiply by 0.3048.1. Statutory requirements of the Authority Having Jurisdiction are not included in this state ground snow load table.

2. For locations where there is substantial change in altitude over the city/town, the load applies at and below the cited elevation, with a tolerance of 100 ft (30 m).

3. For other locations in Utah, see Bean, B., Maguire, M., Sun, Y. (2018), "The Utah Snow Load Study," Utah State University Civil and Environmental Engineering Faculty Publications, Paper 3589, <http://utahsnowload.usu.edu/>, for ground snow load values."

1174 (19) In IRC, Section R301.6, is deleted and replaced with the following:

1175 "R301.6 Utah Snow Loads. The snow loads specified in Table R301.2(5b) shall  
1176 be used for the jurisdictions identified in that table. Otherwise, for other locations in

1177 Utah, see Bean, B., Maguire, M., Sun, Y. (2018), "The Utah Snow Load Study," Utah  
1178 State University Civil and Environmental Engineering Faculty Publications, Paper 3589,  
1179 <http://utahsnowload.usu.edu/>, for ground snow load values."

1180 (20) In IRC, Section R302.2, the following sentence is added at the end of the paragraph:  
1181 "When an access/maintenance agreement or easement is in place, plumbing,  
1182 mechanical ducting, schedule 40 steel gas pipe, and electric service conductors including  
1183 feeders, are permitted to penetrate the common wall at grade, above grade, or below  
1184 grade."

1185 (21) In IRC, Section R302.3, a new [exception] Exemption 3 is added as follows:

1186 "3. Accessory dwelling units separated by walls or floor assemblies protected by  
1187 not less than 1/2-inch (12.7 mm) gypsum board or equivalent on each side of the wall or  
1188 bottom of the floor assembly are exempt from the requirements of this section."

1189 (22) In IRC, Section R302.5.1, the last sentence is deleted.

1190 (23) In IRC, Section R302.13, is deleted.

1191 (24) In IRC, Section R303.4, the following exception is added:

1192 "Exception: Dwelling units tested in accordance with Section N1102.4.1.2  
1193 (R402.4.1.2) which has an air tightness of 3.0 ACH (50) or greater do not require  
1194 mechanical ventilation."

1195 (25) In IRC, Section R310.1, all words in the last sentence after "or to a yard or court", are  
1196 deleted, and Exception 3 of this section is deleted.

1197 (26) In IRC, Section R310.7, in the exception, the words "or accessory dwelling units" are  
1198 added after the words "sleeping rooms".

1199 (27) IRC, Sections [R311.7.45] R311.7.5.1 through R311.7.5.3, are deleted and replaced with  
1200 the following:

1201 "[~~R311.7.45.1 Stair treads and risers. R311.7.5.1~~] R311.7.5.1 Riser height. The  
1202 maximum riser height shall be [8] eight inches (203 mm). The riser shall be measured  
1203 vertically between leading edges of the adjacent treads. The greatest riser height within any  
1204 flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm).

1205 R311.7.5.2 Tread depth. The minimum tread depth shall be [9] nine inches (228 mm).  
1206 The tread depth shall be measured horizontally between the vertical planes of the foremost  
1207 projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread  
1208 depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm).  
1209 Winder treads shall have a minimum tread depth of 10 inches (254 mm) measured as above at  
1210 a point 12 inches (305 mm) from the side where the treads are narrower. Winder treads shall

1211 have a minimum tread depth of [6] six inches (152 mm) at any point. Within any flight of  
1212 stairs, the greatest winder tread depth at the 12-inch (305 mm) walk line shall not exceed the  
1213 smallest by more than 3/8 inch (9.5 mm).

1214 R311.7.5.3 Nosing. The radius of curvature at the leading edge of the tread shall be no  
1215 greater than 9/16 inch (14.3 mm). A nosing not less than 3/4 inch (19 mm) but not more than  
1216 1 1/4 inches (32 mm) shall be provided on stairways with solid risers. The greatest nosing  
1217 projection shall not exceed the smallest nosing projection by more than 3/8 inch (9.5 mm)  
1218 between two stories, including the nosing at the level of floors and landings. Beveling of  
1219 nosing shall not exceed 1/2 inch (12.7 mm). Risers shall be vertical or sloped from the  
1220 underside of the leading edge of the tread above at an angle not more than 30 degrees (0.51  
1221 rad) from the vertical. Open risers are permitted, provided that the opening between treads  
1222 does not permit the passage of a 4-inch diameter (102 mm) sphere.

1223 Exceptions.

- 1224 1. A nosing is not required where the tread depth is a minimum of 10 inches (254 mm).
- 1225 2. The opening between adjacent treads is not limited on stairs with a total rise of 30  
1226 inches (762 mm) or less."

1227 (28) In IRC, Section R312.2, is deleted.

1228 (29) In IRC, Sections R313.1 through R313.2.1, are deleted and replaced with the  
1229 following:

1230 "R313.1 Design and installation. When installed, automatic residential fire  
1231 sprinkler systems for townhouses or one- and two-family dwellings shall be designed  
1232 and installed in accordance with Section P2904 or NFPA 13D."

1233 (30) In IRC, Section R314.2.2, the words "accessory dwelling units," are added after the  
1234 words "Where alterations, repairs."

1235 (31) In IRC, Section R315.2.2, the words "accessory dwelling units," are added after the  
1236 words "Where alterations, repairs."

1237 (32) In IRC, Section 315.3, the following words are added to the first sentence after the  
1238 word "installed": "on each level of the dwelling unit and."

1239 (33) A new IRC, Section R328.12, is added as follows:

1240 "R328.12 Signage. A sign located on the exterior of the dwelling shall be installed at a  
1241 location approved by the authority having jurisdiction which identifies the battery chemistry  
1242 included in the ESS. This sign shall be of sufficient durability to withstand the environment  
1243 involved and shall not be handwritten."

1244 (34) In IRC, Section 403.1.3.5.3, an exception is added as follows:

1245       [-]"Exception: Vertical steel in footings shall be permitted to be located while  
1246       concrete is still plastic and before it has set. Where vertical steel resists placement or the  
1247       consolidation of concrete around steel is impeded, the concrete shall be vibrated to  
1248       ensure full contact between the vertical steel and concrete."

1249 (35) In IRC, Section R403.1.6, a new Exception 3 is added as follows:

1250       "3. [-]When anchor bolt spacing does not exceed 32 inches (813 mm) apart,  
1251       anchor bolts may be placed with a minimum of two bolts per plate section located not  
1252       less than [4] four inches (102 mm) from each end of each plate section at interior bearing  
1253       walls, interior braced wall lines, and at all exterior walls."

1254 (36) In IRC, Section R403.1.6.1, a new exception is added at the end of Item 2 and Item 3  
1255       as follows:

1256       "Exception: When anchor bolt spacing does not exceed 32 inches (816 mm) apart,  
1257       anchor bolts may be placed with a minimum of two bolts per plate section located not  
1258       less than [4] four inches (102 mm) from each end of each plate section at interior bearing  
1259       walls, interior braced wall lines, and at all exterior walls."

1260 (37) In IRC, Section R404.1, a new exception is added as follows:

1261       "Exception: As an alternative to complying with Sections R404.1 through  
1262       R404.1.5.3, concrete and masonry foundation walls may be designed in accordance with  
1263       IBC Sections 1807.1.5 and 1807.1.6 as amended in Section 1807.1.6.4 and Table  
1264       1807.1.6.4 under these rules."

1265 (38) In IRC, Section R405.1, a second exception is added as follows:

1266       "Exception: When a geotechnical report has been provided for the property, a  
1267       drainage system is not required unless the drainage system is required as a condition of  
1268       the geotechnical report. The geotechnical report shall make a recommendation regarding  
1269       a drainage system."

1270 (39) In IRC, Section R506.2.3, the words "10-mil (0.010 inch; 0.25 mm)" are deleted and  
1271       replaced with "6-mil (0.006 inch; 0.152 mm)" and the words "conforming to ASTM  
1272       E1745 Class A requirements" are deleted.

1273 (40) In IRC, Section 507.2.1, Wood materials. The following [sentence] is added after the  
1274       words, "in accordance with section R317," "field applied weather resistant barrier  
1275       applied to the top of untreated material,".

1276       Section 11. Section **15A-3-203** is amended to read:

1277       **15A-3-203 (Effective 07/01/26). Amendments to Chapters 6 through 15 of IRC.**

1278 (1) IRC, Section R609.4.1, is deleted.

1279 (2) IRC, Section R702.7, is deleted.

1280 [ (2) In IRC, Section N1101.4 (R102.1.1), a new section N1101.4.1 (R102.1.1) is added as  
1281 follows: ]

1282 ["N1101.4.1 National Green Building Standard. Buildings complying with ICC  
1283 700-2020 National Green Building Standard and achieving the Gold rating level for the  
1284 energy efficiency category shall be deemed to exceed the energy efficiency required by  
1285 this code. The building shall also meet the requirements identified in table N1105.2 and  
1286 the building thermal envelope efficiency is greater than or equal to levels of efficiency  
1287 and solar heat gain coefficients (SHGC) in Tables N1102.2.2 and N1102.1.3 of the 2009  
1288 IRC."]

1289 [ (3) In IRC, Section N1101.5 (R103.2), all words after the words "herein governed." are  
1290 deleted and replaced with the following: ]

1291 ["Construction documents include all documentation required for building permits  
1292 shall include only those items specified in Subsection 10-20-909(12) or 17-79-810(12)  
1293 of the Utah Code."]

1294 [ (4) In IRC, Section N1101.10.3 (R303.1.3) the following changes are made: ]

1295 [ (a) The following is added at the end of the first sentence "or EN  
1296 14351-1:2006+A1:2010." ]

1297 [ (b) The word "accredited" is replaced with "approved" in the third sentence. ]

1298 [ (c) The following sentence is added after the third sentence: ]

1299 ["A conversion factor of 5.678 shall be used to convert from U values  
1300 expressed in SI units: ()/53678=."]

1301 [ (d) After "NFRC 200" the following words are added: "or EN  
1302 14351-1:2006+A1:2010," and in the sentence the word "accredited" is replaced with  
1303 the word "approved." ]

1304 [ (e) The following new sentence shall be inserted immediately before the last sentence: ]

1305 ["Total Energy Transmittance values may be substituted for SHGC, and  
1306 Luminous Transmission values may be substituted for VT."]

1307 [ (5) In IRC, Section N1101.12 (R303.3), all wording after the first sentence is deleted. ]

1308 [ (6) In IRC, Section N1101.13 (R401.2), in the first sentence, the words "Section  
1309 N1101.13.5 and" are deleted. ]

1310 [ (7) In IRC, Section N1101.13.5 (R401.2.5) is deleted. ]

1311 [ (8) In IRC, Section N1101.14 (R401.3) Number 7, the words "and the compliance path  
1312 used" are deleted. ]

1313 [({9}) In ~~IRC~~, Table N1102.1.2 (R402.1.2):]

1314 [({a}) in the column titled ~~Fenestration U-Factor~~ the following changes are made:]

1315 [({i}) in the row titled "Climate Zone 3" delete 0.30 and replace it with 0.32;]

1316 [({ii}) in the row titled "Climate Zone 5 and Marine 4" delete 0.30 and replace it with

1317 0.32; and]

1318 [({iii}) in the row titled "Climate Zone 6" delete 0.30 and replace it with 0.32;]

1319 [({b}) in the column titled "Glazed Fenestration SHGC", the following change is made: in

1320 the row titled "Climate Zone 3" delete 0.25 and replace it with 0.35;]

1321 [({c}) in the column titled "Ceiling U-Factor" the following changes are made:]

1322 [({i}) in the row titled "Climate Zone 3" delete 0.026 and replace it with 0.030;]

1323 [({ii}) in the row titled "Climate Zone 5 and Marine 4" delete 0.024 and replace it with

1324 0.026; and]

1325 [({iii}) in the row titled "Climate Zone 6" delete 0.024 and replace it with 0.026;]

1326 [({d}) in the column titled "Wood Frame Wall U-Factor", the following changes are made:]

1327 [({i}) in the row titled "Climate Zone 3" delete 0.060 and replace it with 0.060;]

1328 [({ii}) in the row titled "Climate Zone 5 and Marine 4" delete 0.045 and replace it with

1329 0.060; and]

1330 [({iii}) in the row titled "Climate Zone 6" delete 0.045 and replace it with 0.060;]

1331 [({e}) in the column titled "Basement Wall U-Factor" the following changes are made:]

1332 [({i}) in the row titled "Climate Zone 5 and Marine 4" delete 0.050 and replace it with

1333 0.075; and]

1334 [({ii}) in the row titled "Climate Zone 6" delete 0.50 and replace it with 0.065; and]

1335 [({f}) in the column titled "Crawl Space Wall U-Factor" the following changes are made:]

1336 [({i}) in the row titled "Climate Zone 5 and Marine 4" delete 0.055 and replace it with

1337 0.078; and]

1338 [({ii}) in the row titled "Climate Zone 6" delete 0.55 and replace it with 0.065.]

1339 [({10}) In ~~IRC~~, Table N1102.1.3 (R402.1.3), the following changes are made:]

1340 [({a}) in the column titled "Wood Frame Walls R-Value" a new footnote indicator "j" is

1341 added and at the bottom of the footnotes the following footnote "j" is added: ]

1342 [ "j. In climate zone 3B and 5B, an R-15, and in climate zone 6, an R-20 shall be

1343 acceptable where air-impermeable insulation is installed in the cavity space, exterior

1344 continuous insulation, or some combination thereof; and the tested house air leakage

1345 is a maximum of 2.0 ACH50"; and]

1346 [({b}) add a new footnote "k" as follows: ]

1347 ["k. Log walls complying with ICC400 and with a minimum average wall  
1348 thickness of 5 inches or greater shall be permitted in Zones 5 through 8 when overall  
1349 window glazing has 0.30 U-factor or lower, minimum heating equipment efficiency  
1350 is for gas 95 AFUE, or for oil, 84 AFUE, and all other components requirements are  
1351 met."]

1352 [(11) In ~~IRC~~, Table N1102.1.3 (R402.1.3) the following changes are made:]

1353 [(a) in the column titled "Fenestration U-Factor" the following changes are made:]

1354 [(i) in the row titled "Climate Zone 3" delete 0.30 and replace it with 0.32;]

1355 [(ii) in the row titled "Climate Zone 5 and Marine 4" delete 0.30 and replace it with  
1356 0.32; and]

1357 [(iii) in the row titled "Climate Zone 6" delete 0.30 and replace it with 0.32;]

1358 [(b) in the column titled "Glazed Fenestration SHGC" the following change is made: in  
1359 the row titled "Climate Zone 3" delete 0.25 and replace it with 0.35;]

1360 [(c) in the Column R-Value the following changes are made:]

1361 [(i) in the row titled "Climate Zone 3" delete 49 and replace it with 38;]

1362 [(ii) in the row titled "Climate Zone 5 and Marine 4" delete 60 and replace it with 49;  
1363 and]

1364 [(iii) in the row titled "Climate Zone 6" delete 60 and replace it with 49;]

1365 [(d) in the Column titled "Wood Frame Wall R-Value" the following changes are made:]

1366 [(i) in the row titled "Climate Zone 3" delete all values and replace with 20+Oei or  
1367 13+5ei or 015ei;]

1368 [(ii) in the row titled "Climate Zone 5 or Marine 4" delete all values and replace with  
1369 21+Oei or 15+5ei or 0+15ei; and]

1370 [(iii) in the row titled "Climate Zone 6" delete all values and replace with 21+Oei or  
1371 15+5ei or 0+15ei;]

1372 [(e) in the column titled "Basement Wall R-Value" the following changes are made:]

1373 [(i) in the row titled "Climate Zone 5 or Marine 4" delete all values and replace with  
1374 15+Oei or 0+11ei or 11+5ei; and]

1375 [(ii) in the row titled "Climate Zone 6" delete all values and replace with 19+Oei or  
1376 0+13ei or 11+5ei;]

1377 [(f) in the column titled "Slab R-Value and Depth" the following changes are made:]

1378 [(i) in the row titled "Climate Zone 3" delete 10ei. 2 ft and replace it with NR; and]

1379 [(ii) in the row titled "Climate Zone 5 & Marine 4" delete 4 ft and replace it with 2 ft;  
1380 and]

1381 [((g) in the column titled "Crawl Space Wall R-Value" the following changes are made:]

1382 [(i) in the row titled "Climate Zone 5 or Marine 4" delete all values and replace with  
1383 15+Oei or 0+11ei or 11+5ei; and]

1384 [(ii) in the row titled "Climate Zone 6" delete all values and replace with 19+Oei or  
1385 0+13ei or 0+11+5ei.]

1386 [(12) In IRC, a new subsection N1102.1.5.1 (R402.1.5.1) is added as follows: ]

1387 ["1102.1.5.1 (R402.1.5.1) RESCheck 2012 Utah Energy Conservation Code.

1388 Compliance with section N1102.1.5 (R402.1.5) may be satisfied using the software  
1389 RESCheck 2012 Utah Energy Conservation Code, which shall satisfy the R-value and  
1390 U-factor requirements of N1102.1, N1102.2, and N1102.3, provided the following  
1391 conditions are met:]

1392 [(a) in "Climate Zone 5 and 6" the software result shall show 5% better than code; and]

1393 [(b) in "Climate Zone 3", the software result shall show 5% better than code when  
1394 software inputs for window U-factor .65 and window SHGC=0.40, notwithstanding  
1395 actual windows installed shall conform to requirements of Tables N1102.1.2  
1396 (R402.1.2) and N1102.1.3 (R402.1.3)."]

1397 [(13) In IRC, Sections N1102.2.1 (R402.2.1), a new Section N1102.2.1.1 is added as follows:

1398 "N1102.2.1.1. Unvented attic and unvented enclosed rafter assemblies. Unvented attic  
1399 and unvented enclosed rafter assemblies conforming to Section R806.5 shall be provided with  
1400 an R-value of R-22 (maximum U-Factor of 0.045) in Climate Zone 3-B or an R-value of R-26  
1401 (maximum U-factor of 0.038) in Climate Zones 5-B and 6-B shall be permitted provided all  
1402 the following conditions are met:

1403 1. The unvented attic assembly complies with the requirements of the International  
1404 Residential Code, R806.5.

1405 2. The house shall attain a blower door test result 2.5ACH 50.

1406 3. The house shall require a whole house mechanical ventilation system that does not  
1407 rely solely on a negative pressure strategy (must be positive, balanced or hybrid).

1408 4. Where insulation is installed below the roof deck and the exposed portion of roof  
1409 rafters are not already covered by the R-20 depth of the air-impermeable insulation, the  
1410 exposed portion of the roof rafters shall be wrapped (covered) by minimum R-3 unless directly  
1411 covered by drywall/finished ceiling. Roof rafters are not required to be covered by minimum  
1412 R-3 if a continuous insulation is installed above the roof deck.

1413 5. Indoor heating, cooling and ventilation equipment (including ductwork) shall be  
1414 inside the building thermal envelope."]

1415 [(14) In ~~IRC, Section N1102.2.9.1 (R402.2.9.1)~~ the numeral (i) is added before the words  
1416 "cut at a 45 degree" and the following is added after the words "exterior wall": "or (ii)  
1417 lowered from top of slab 4" when a 4" thermal break material such as, but not limited to,  
1418 felt or asphalt impregnated fiber board, with a minimum thickness of 1/4" is installed at  
1419 the upper 4" of slab".]

1420 [(15) In ~~IRC, Section N1102.4.1 (R402.4.1)~~, in the first sentence, the word "and" is deleted  
1421 and replaced with the word "or."]

1422 [(16) In ~~IRC, Section N1102.4.1.1 (R402.4.1.1)~~, the last sentence is deleted and replaced  
1423 with the following: ]  
1424 ["Where allowed by the code official, the builder may certify compliance to  
1425 components criteria for items which may not be inspected during regularly scheduled  
1426 inspections."]

1427 [(17) In ~~IRC, Table N1102.4.1.1 (R402.4.1.1)~~ in the column titled "COMPONENT", the  
1428 following changes are made: ]  
1429 [(a) In the row "Rim Joists" the word "exterior" in the first sentence is deleted, and the  
1430 second sentence is deleted.]  
1431 [(b) In the row "Electrical/phone box on the exterior walls" the last sentence is deleted  
1432 and replaced with: "Alternatively, close cell foam, caulking or gaskets may be used,  
1433 or air sealed boxes may be installed."]

1434 [(18) In ~~IRC, Section N1102.4.1.2 (R402.4.1.2)~~, the following changes are made: ]  
1435 [(a) In the fourth sentence, the word "third" is deleted.]  
1436 [(b) The following sentence is added after the fourth sentence: ]  
1437 ["The following parties shall be approved to conduct testing: Parties certified  
1438 by BPI or RESNET, or licensed contractors who have completed training provided  
1439 by Blower Door Test equipment manufacturers or other comparable training."]

1440 [(c) In the first Exception the second sentence is deleted.]  
1441 [(19) ~~IRC, Section N1103.3.3 (R403.3.3)~~, is deleted.]  
1442 [(20) ~~IRC Section N1103.3.3.1 (R403.3.3.1)~~ is deleted.]  
1443 [(21) In ~~IRC, Section N1103.3.5 (R403.3.5)~~, the following changes are made: ]  
1444 [(a) a second Exception is added as follows: "A duct leakage test shall not be required  
1445 for any system designed such that no air handlers or ducts are located within  
1446 unconditioned attics."; and]  
1447 [(b) the following is added at the end of the section: ]  
1448 ["The following parties shall be approved to conduct testing:"]

1449 [({i}) Parties certified by BPT or RESNET; and]

1450 [({ii}) Licensed contractors who have completed training provided by Duct Test

1451 equipment manufacturers or other comparable training.]

1452 [(22) In ~~IRC~~, Section N1103.3.6 (R403.3.6) the following changes are made:]

1453 [({a}) ~~in Subsection 1:~~]

1454 [({i}) the number 4.0 is changed to 6.0;]

1455 [({ii}) the number 113.3 is changed to 170;]

1456 [({iii}) the number 3.0 is changed to 5.0; and]

1457 [({iv}) the number 85 is changed to 141;]

1458 [({b}) ~~in Subsection 2:~~]

1459 [({i}) the number 4.0 is changed to 5.0; and]

1460 [({ii}) the number 113.3 is changed to 141; and]

1461 [({c}) ~~Subsection 3 is deleted.~~]

1462 [(23) In ~~IRC~~, Section N1103.3.7 (R403.3.7) the words "or plenums" are deleted.]

1463 [(24) In ~~IRC~~, Section N1103.5.1.1 (R403.5.1.1) the words "Where installed" are added at

1464 the beginning of the first sentence.]

1465 [(25) In ~~IRC~~, Section N1103.5.2 (R403.5.2) the following change is made, Subsections 5

1466 and 6 are deleted and Subsection 7 is renumbered to 5.]

1467 [(26) ~~IRC~~, Section N1103.6.2 (R403.6.2), is deleted and replaced with the following:]

1468 ["N1103.6.2 (R403.6.2) Whole-house mechanical ventilation system fan efficacy. Fans

1469 used to provide whole-house mechanical ventilation shall meet the efficacy requirements of

1470 Table N1103.6.2 (R403.6.2).

1471      Exception: Where an air handler that is integral to tested and listed HVAC equipment is

1472 used to provide whole-house mechanical ventilation, the air handler shall be powered by an

1473 electronically commutated motor.]

1474 [(27) In ~~IRC~~, Section N1103.6.2 (R403.6.2), the table is deleted and replaced with the

1475 following:]

1476      "TABLE N1103.6.2 (R403.6.2)",

1477      MECHANICAL VENTILATION SYSTEM FAN EFFICACY]

1478	[FAN LOCATION]	AIR FLOW RATE MINIMUM (CFM)	MINIMUM EFFICACY (CFM/WATT)	AIR FLOW RATE MAXIMUM (CFM)
1479	HRV or ERV	Any	1.2 cfm/watt	Any

1480	Range hoods	Any	2.8 cfm/watt	Any
1481	In-line fan	Any	2.8 cfm/watt	Any
1482	Bathroom, utility room	10	1.4 cfm/watt	90
1483	Bathroom, utility room	90	2.8 cfm/watt	Any"]

1484 [(28) ~~IRC, Section N1103.6.3 (R403.6.3)~~ is deleted.]

1485 [(29) ~~In IRC, Section N1103.7 (R403.7)~~ the word "approved" is deleted in the first sentence  
1486 and the following is added after the word "methodologies": "complying with N1103.7.1  
1487 (R403.7.1)".]

1488 [(30) A new ~~IRC, Section N1103.7.1 (R403.7.1)~~ is added as follows: ]

1489 ["~~N1103.7.1 Qualifications~~. An individual performing load calculations shall be  
1490 qualified by completing ~~HVAC~~ training from one of the following:

1. ~~HVAC~~ load calculation education from ~~ACCA~~;
2. ~~A recognized educational institution~~;
3. ~~HVAC equipment manufacturer's training~~; or
4. ~~Other recognized industry certification~~."]

1495 [(31) ~~In IRC, Section N1104.1 (R404.1)~~, the word "All" is replaced with "Not less than 90  
1496 percent of the lamps in".]

1497 [(32) ~~IRC, Section N1104.1.1 (R404.1.1)~~ is deleted.]

1498 [(33) ~~IRC, Section N1104.2 (R404.2)~~ is deleted.]

1499 [(34) ~~IRC, Section N1104.3 (R404.3)~~ is deleted.]

1500 [(35) ~~In IRC, section N1105.2 (R405.2)~~ the following changes are made: ]

1501 [(a) ~~In Subsection 3, the words "approved by the code official"~~ are deleted; and]

1502 [(b) ~~In Subsection 3, the following words are added at the end of the sentence: "when  
1503 applicable and readily available"~~.]

1504 [(36) ~~In IRC, Section N1106.3 (R406.3)~~ "Building thermal envelope" is deleted, and  
1505 replaced with]

1506 ["~~Building thermal envelope and on-site renewables. The proposed total building  
1507 thermal envelope UA, which is the sum of U-factor times assembly area, shall be less  
1508 than or equal to the building thermal envelope UA using the prescriptive U-factors from  
1509 Table N1102.1.2 multiplied by 1.15 in accordance with Equation 11-4. The  
1510 area-weighted maximum fenestration SHGC permitted in Climate Zones 0 through 3  
1511 shall be: 0.30. UA<sub>Proposed design</sub> = 1.15 x UA<sub>Prescriptive reference design</sub> (Equation  
1512 11-4)."~~]

1513 [ (37) In ~~IRC, Section N1106.3.1 (R406.3.1)~~ is deleted.]

1514 [ (38) In ~~IRC, Section N1106.3.2 (R403.3.2)~~ is deleted.]

1515 [ (39) In ~~IRC, Section N1106.4 (R406.4)~~ the following changes are made: ]

1516 [ (a) In the first sentence, the words "in accordance with Equation 11-5" are deleted and replaced with: "permitted to be calculated using the minimum total air exchange rate for the rated home ( $Q_{tot}$ ) and for the index adjustment factor in accordance with Equation 11-5."; ]

1517 [ (b) In equation 11-5, the words "Ventilation rate, CFM" are deleted and replaced with: "  $Q_{tot}$ "; and ]

1518 [ (c) In the last sentence the number "5" is deleted and replaced with "15". ]

1519 [ (d) In ~~IRC N1106.5~~, in the column titled "ENERGY RATING INDEX" of Table R406.5, the following changes are made: ]

1520 [ (a) In the row for "Climate Zone 3", "51" is deleted and replaced with "65"; ]

1521 [ (b) In the row for "Climate Zone 5", "55" is deleted and replaced with "69"; and ]

1522 [ (c) In the row for "Climate Zone 6", "54" is deleted and replaced with "68". ]

1523 [ (41) In ~~IRC, Section N1108 (R408)~~ is deleted.]

1524 [ (42) (3) In ~~IRC, Chapter 11~~, is deleted and replaced with the following: ]

1525 "Chapter 11, Energy Efficiency (Revised)"

1526 R1101.1 Scope. This chapter establishes minimum thermal-performance requirements for the building envelope of residential structures regulated by this code.

1527 R1101.2 General. The building envelope shall be constructed to limit heat loss and gain through its components by providing insulation values not less than those specified in this chapter.

1528 R1101.3 Compliance Paths. Compliance with this chapter shall be demonstrated by one of the following methods:

1529 R1101.3.1 Prescriptive Compliance. The building thermal envelope shall meet or exceed the minimum R-values and maximum U-factors in Section R1102.2.

1530 R1101.3.2 Performance Compliance. As an alternative to Section R1101.3.1, compliance may be demonstrated using U.S. DOE REScheck, provided the proposed design achieves an overall envelope performance not less than 5% above the current Utah 2012 REScheck standard, as documented on the REScheck compliance certificate or achieve a HERs rating of 67 or better.

1531 R1102.1 Building Thermal Envelope. The building thermal envelope shall include exterior walls, roof/ceiling assemblies, floors over unconditioned spaces, windows,

1547       doors, and other elements that enclose conditioned space.

1548       R1102.2 Minimum Thermal Resistance (R-Values) and U-Factors. Insulation for  
 1549       each component of the building envelope shall meet or exceed the following minimum  
 1550       R-values and U-factors:

155152	Component	Minimum R-Value/ Maximum U-Factor	Notes
1553	<u>Above-grade exterior walls</u>	R-21	<u>Applies to all framed or masonry walls separating conditioned and unconditioned space or the exterior environment.</u>
1554	<u>Ceilings / roof assemblies</u>	R-38	<u>Applies to the thermal boundary between conditioned space and unconditioned attic or exterior air.</u>
1555	<u>Floors over unconditioned space</u>	R-30	<u>Includes floors over crawl spaces, garages, or open air.</u>
1556	<u>Basement walls (conditioned basements)</u>	R-10 continuous or R-13 cavity	<u>Required for any portion of basement walls enclosing conditioned space.</u>
1557	<u>Windows and glazed doors</u>	<u>Maximum U-factor = 0.32</u>	<u>Applies to all fenestration enclosing conditioned space.</u>
1558	<u>Skylights</u>	<u>Maximum U-factor = 1.3</u>	<u>Applies to all skylights over conditioned space.</u>
1559	<u>Opaque doors</u>	<u>Minimum U-factor = 0.6</u>	<u>Applies to solid doors separating conditioned and unconditioned spaces.</u>

1560       R1102.2.1 Conversion for Imported Windows and Doors. A conversion factor of  
 1561       5.678 shall be used to convert U-values expressed in SI units to IP units:  $U(IP) = U(SI) / 5.678$ .

1563       R1102.3 Installation. Insulation materials shall be installed in substantial contact  
 1564       with the surface they are intended to insulate and in accordance with the manufacturer's  
 1565       instructions. Compressed or poorly fitted insulation shall not be permitted where it

1566 reduces effective thermal resistance.

1567 R1102.4 Verification. Compliance with the requirements of this chapter shall be  
1568 verified by inspection prior to the installation of interior finishes. No additional energy  
1569 modeling, trade-off analysis, or performance-based documentation shall be required.

1570 R1103 Mechanical Room Requirements. Mechanical rooms that receive  
1571 combustion air from unconditioned space shall be insulated and sealed to prevent  
1572 uncontrolled air infiltration. Such rooms shall:

1573 be separated from unconditioned spaces by an insulated thermal barrier equal  
1574 to the minimum wall R-value of R13; and

1575 be sealed to limit air leakage through joints, penetrations, and construction  
1576 openings with the air-sealing provisions.

1577 R1104 Duct System Testing and Insulation.

1578 R1104.1 Duct Leakage Testing. Duct systems located in unconditioned attics shall  
1579 be tested for total air leakage.

1580 R1104.1.1 Air Handler Installed at Time of Test. Where the air handler is installed  
1581 at the time of the leakage test, the total leakage shall be less than or equal to 6.0 cubic  
1582 feet per minute (170 L/min) per 100 square feet (9.29 m) of conditioned floor area.

1583 R1104.1.2 Air Handler Not Installed at Time of Test. Where the air handler is not  
1584 installed at the time of the test, the total leakage shall be less than or equal to 5.0 cubic  
1585 feet per minute (141 L/min) per 100 square feet (9.29 m) of conditioned floor area.

1586 R1104.2 Duct Insulation. Duct systems located outside conditioned space shall be  
1587 insulated to a minimum of R-8. Ducts buried beneath concrete floors do not require  
1588 insulation.

1589 R1104.1.3 Building Thermal Envelope Air Leakage Testing. The building thermal  
1590 envelope shall be tested to determine air leakage rate. Testing shall be conducted in  
1591 accordance with ASTM E779 or ASTM E1827. A written report of the results of the test  
1592 shall be signed by the party conducting the test and shall be provided to the code  
1593 official. Testing shall be performed at a pressure differential of 0.2 inch water gauge (50  
1594 Pascals).

1595 R1104.1.3.1 Mechanical Ventilation. Where the tested air leakage rate is not  
1596 greater than 3 air changes per hour, the dwelling unit shall be provided with  
1597 whole-house mechanical ventilation in accordance with Section M1505.

1598 R1104.1.3.2 Mechanical Ventilation as an Alternative. In lieu of the testing  
1599 required by Section R1104.1.3, the dwelling unit shall be provided with mechanical

1600       ventilation in accordance with Section M1505."

1601       (4) In IRC, Section M1401.3 the word "approved" is deleted in the first sentence and the  
1602       following is added after the word "methodologies[-],[;]" "complying with M1401.3.1."[:]  
1603       [(43)] (5) A new IRC, Section M1401.3.1, is added as follows:

1604               " M1401.3.1 Qualifications. An individual performing load calculations shall be qualified  
1605       by completing HVAC training from one of the following:

- 1606       1. HVAC load calculation education from ACCA;
- 1607       2. A recognized educational institution;
- 1608       3. HVAC equipment manufacturer's training; or
- 1609       4. Other recognized industry certification."

1610       [(44)] (6) In IRC, Section M1402.1, the following is added at the end of the second  
1611       sentence: "or UL/CSA 60335-2-40."

1612       [(45)] (7) In IRC, Section M1403.1, the characters "/ANCE" are deleted.

1613       [(46)] (8) IRC, Section M1411.9, is deleted.

1614       [(47)] (9) In IRC, Section M1412.1, the characters "/ANCE" are deleted.

1615       [(48)] (10) In IRC, Section M1413.1, the characters "/ANCE" are deleted.

1616               Section 12. Section **15A-3-204** is amended to read:

**15A-3-204 (Effective 07/01/26). Amendments to Chapters 16 through 25 of IRC.**

1618       (1) In IRC, Section M1602.2, a new exception is added at the end of Item 7 as follows:

1619               "Exception: The discharge of return air from an accessory dwelling unit into  
1620       another dwelling unit, or into an accessory dwelling unit from another dwelling unit, is  
1621       not prohibited." \_

1622       (2) A new IRC, Section G2401.2, is added as follows:

1623               "G2401.2 Meter Protection. Fuel gas services shall be in an approved location  
1624       and/or provided with structures designed to protect the fuel gas meter and surrounding  
1625       piping from physical damage, including falling, moving, or migrating ice and snow. If  
1626       an added structure is used, it [must] shall provide access for service and comply with the  
1627       IBC or the IRC."

1628       (3) In IRC, Section 2503.5.1, #2 Air Test is deleted and replaced with the following:

1629               "Where water is not available at the construction site or where freezing conditions  
1630       limit the use of water on the construction site, plastic drainage and vent pipe may be  
1631       permitted to be tested with air. The following procedures shall be followed:

1632               (a) Proper personal protective equipment, including safety eyewear and protective  
1633       headgear, should be worn by all individuals in any area where an air or gas test is

1634 being conducted.

1635 (b) Contractor shall take all precautions necessary to limit the pressure within the plastic  
1636 piping.

1637 (c) No drain and vent system shall be pressurized in excess of 6 psi as measured by  
1638 accurate gauges graduated to no more than three times the test pressure.

1639 (d) The pressure gauge shall be monitored during the test period, which should not  
1640 exceed 15 minutes.

1641 (e) At the conclusion of the test, the system shall be depressurized gradually, all trapped  
1642 air or gases should be vented, and test balls and plugs should be removed with  
1643 caution."

1644 (4) In IRC, Section P2503.8, the word "devices" is deleted and replaced with the word  
1645 "assemblies."

1646 (5) IRC, Section P2503.8.2, is deleted and replaced with the following:

1647 "P2503.2 Testing. Reduced pressure principle, double check, pressure vacuum  
1648 breaker, reduced pressure detector fire protection, double check detector fire protections,  
1649 and spill-resistant vacuum breaker backflow preventer assemblies shall be tested at the  
1650 time of installation, immediately after repairs or relocation and at least annually. The [  
1651 ~~Utah Cross-Connection Control Commission~~ Utah Division of Drinking Water has  
1652 adopted the field test procedures published by the Manual of Cross Connection Control,  
1653 Tenth Edition. This manual is published by the University of Southern California's  
1654 Foundation for Cross-Connection Control and Hydraulic Research. Test gauges shall  
1655 comply with ASSE 1064."

1656 Section 13. Section **15A-3-205** is amended to read:

1657 **15A-3-205 (Effective 07/01/26). Amendments to Chapters 26 through 35 of IRC.**

1658 (1) IRC, Section P2602.1, is deleted and replaced with the following:

1659 "P2602.1 General. The water-distribution system of any building or premises where  
1660 plumbing fixtures are installed shall be connected to a public water supply. Where a potable  
1661 public water supply is not available, individual sources of potable water supply shall be  
1662 utilized provided that the source has been developed in accordance with Utah Code Sections  
1663 73-3-1, 73-3-3, and 73-3-25, as administered by the Department of Natural Resources,  
1664 Division of Water Rights. In addition, the quality of the water shall be approved by the local  
1665 health department having jurisdiction. The source shall supply sufficient quantity of water to  
1666 comply with the requirements of this chapter.

1667 Every building in which plumbing fixtures are installed and all premises having drainage

1668 piping shall be connected to a public sewer where the sewer is accessible and is within 300  
1669 feet of the property line in accordance with Utah Code Section 10-8-38, or an approved private  
1670 sewage disposal system in accordance with Utah Administrative Code, Rule R317-4, as  
1671 administered by the Department of Environmental Quality, Division of Water Quality.

1672       Exception: Sanitary drainage piping and systems that convey only the discharge from  
1673       bathtubs, showers, lavatories, clothes washers, and laundry trays shall not be required to  
1674       connect to a public sewer or to a private sewage disposal system provided that the piping or  
1675       systems are connected to a system in accordance with Sections P2910 or P2911."

1676 (2) A new IRC, Section P2602.3, is added as follows:

1677       "P2602.3 Individual water supply. Where a potable public water supply is not  
1678       available, individual sources of potable water supply shall be utilized, provided that the  
1679       source has been developed in accordance with Utah Code, Sections 73-3-1 and 73-3-25,  
1680       as administered by the Department of Natural Resources, Division of Water Rights. In  
1681       addition, the quality of the water shall be approved by the local health department  
1682       having jurisdiction."

1683 (3) A new IRC, Section P2602.4, is added as follows:

1684       "P2602.4 Sewer required. Every building in which plumbing fixtures are installed and  
1685       all premises having drainage piping shall be connected to a public sewer where the sewer is  
1686       accessible and is within 300 feet of the property line in accordance with Utah Code, Section  
1687       10-8-38; or an approved private sewage disposal system in accordance with Utah  
1688       Administrative Code,  
1689       Chapter 4, Rule R317, as administered by the Department of Environmental Quality,  
1690       Division of Water Quality."

1691 (4) In IRC, Section P2705, Item 5, the words "lavatory" and "lavatories" are deleted.

1692 (5) In IRC, Section P2705, a new Item 9 is added as follows and the remaining item  
1693       numbers are renumbered accordingly:

1694       "9. Lavatories. A lavatory shall not be set closer than 12 inches from its center to  
1695       any side wall or partition. A lavatory shall be provided with a clearance of 24 inches in  
1696       width and 21 inches in depth in front of the lavatory to any side wall, partition, or  
1697       obstruction." ~~[Remaining item numbers are renumbered accordingly.]~~

1698 (6) In IRC, Section P2801.6.2, the following is added at the end of the section:

1699       "When permitted by the code official, the pan drain may be directly connected to a  
1700       soil stack, waste stack, or branch drain. The pan drain shall be individually trapped and  
1701       vented as required in Section 907.1. The pan drain shall not be directly or indirectly

1702 connected to any vent. The trap shall be provided with a trap primer conforming to  
1703 ASSE 1018 or ASSE 1044, a barrier type floor drain trap seal protection device meeting  
1704 ASSE 1072, or a deep seal p-trap."

1705 (7) A new IRC, Section P2801.6.3, is added as follows:

1706 "P2801.6.3 Pan designation. A water heater pan shall be considered an emergency  
1707 receptor designated to receive the discharge of water from the water heater only and  
1708 shall not receive the discharge from any other fixtures, devices, or equipment."

1709 (8) IRC, Section P2801.8, is deleted and replaced with the following:

1710 "P2801.8 Water heater seismic bracing. As a minimum requirement, water heaters  
1711 shall be anchored or strapped to resist horizontal displacement caused by earthquake  
1712 motion. Strapping shall be at points within the upper one-third and lower one-third of  
1713 the appliance's vertical dimensions.

1714 (9) In IRC, Section P2804.6.1, a new number 15 is added as follows:

1715 "15. Be installed in accordance with the manufacturer's installation instructions, not  
1716 to exceed 180 degrees in directional changes."

1717 (10) A new IRC, Section P2902.1.1, is added as follows:

1718 [-]"P2902.1.1 Backflow assembly testing. Reduced pressure principle, double  
1719 check, pressure vacuum breaker, reduced pressure detector fire protection, double check  
1720 detector fire protection, and spill-resistant vacuum breaker backflow preventer  
1721 assemblies shall be tested at the time of installation, immediately after repairs or  
1722 relocation and at least annually. The Utah ~~Cross Connection Control Commission~~  
1723 Division of Drinking Water has adopted the field test procedures published by the  
1724 Manual of Cross Connection Control, Tenth Edition. This manual is published by the  
1725 University of Southern California's Foundation for Cross-Connection Control and  
1726 Hydraulic Research. Test gauges shall comply with ASSE 1064."

1727 (11) In IRC, Section P2902.1, the following subsections are added as follows:

1728 "P2902.1.1 General Installation Criteria.

1729 Assemblies shall not be installed more than five feet above the floor unless a permanent  
1730 platform is installed. The assembly owner, where necessary, shall provide devices or  
1731 structures to facilitate testing, repair, and maintenance, and to insure the safety of the backflow  
1732 technician.

1733 P2902.1.2 Specific Installation Criteria.

1734 P2902.1.3 Reduced Pressure Principle Backflow Prevention Assembly.

1735 The reduced pressure principle backflow prevention assembly shall be installed as

1736 follows:

1737 a. The assembly may not be installed in a pit or below grade where the relief port could  
1738 be submerged in water or where fumes could be present at the relief port discharge.

1739 b. The relief valve of the assembly shall not be directly connected to a waste disposal  
1740 line, including a sanitary sewer, a storm drain, or a vent.

1741 c. The assembly shall be installed in a horizontal position only, unless listed or approved  
1742 for vertical installation in accordance with Section 303.4 of the International Plumbing Code  
1743 as amended in Utah Code, Subsection 15A-3-303(1).

1744 d. The bottom of the assembly shall be installed a minimum of 12 inches above the floor  
1745 or ground.

1746 e. The body of the assembly shall be a minimum of 12 inches from any wall, ceiling, or  
1747 obstacle, and shall be readily accessible for testing, repair, and maintenance.

1748 P2902.1.4 Double Check Valve Backflow Prevention Assembly.

1749 A double check valve backflow prevention assembly shall be installed as follows:

1750 a. The assembly shall be installed in a horizontal position only, unless listed or approved  
1751 for vertical installation.

1752 b. The bottom of the assembly shall be a minimum of 12 inches above the ground or  
1753 floor.

1754 c. The body of the assembly shall be a minimum of 12 inches from any wall, ceiling, or  
1755 obstacle, and shall be readily accessible for testing, repair, and maintenance.

1756 d. If installed in a pit, the assembly shall be installed with a minimum of 12 inches of  
1757 clearance between all sides of the vault, including the floor and roof or ceiling, with adequate  
1758 room for testing and maintenance.

1759 P2902.1.5 Pressure Vacuum Break Assembly and Spill Resistant Pressure Vacuum  
1760 Breaker Assembly.

1761 A pressure vacuum break assembly or a spill resistant pressure vacuum breaker  
1762 assembly shall be installed as follows:

1763 a. The assembly shall not be installed in an area that could be subject to backpressure or  
1764 back drainage conditions.

1765 b. The assembly shall be installed a minimum of 12 inches above all downstream piping  
1766 and the highest point of use.

1767 c. The assembly shall be a minimum of 12 inches from any wall, ceiling, or obstacle,  
1768 and shall be readily accessible for testing, repair, and maintenance.

1769 d. The assembly shall not be installed below ground, in a vault, or in a pit.

1770 e. The assembly shall be installed in a vertical position."

1771 (12) In IRC, Table 2903.2, the following changes are made in the column titled

1772 "MAXIMUM FLOW RATE OR QUANTITY":

1773 (a) In the row titled "Lavatory faucet" the text is deleted and replaced with "1.5 gpm at  
1774 60 psi."[-]

1775 (b) In the row titled "Shower head" the text is deleted and replaced with "2 gpm at 80 psi.  
1776 "[-]

1777 (13) In IRC, Section P2903.3, the words "public water main or an" are deleted and the  
1778 following sentence is added at the end:

1779 "A water pressure booster pump may not be connected to a public water main  
1780 unless allowed by Utah Administrative Code, Rule R309-540."

1781 (14) In IRC, Section 2903.5, at the beginning of the second sentence, insert "If installed,".

1782 (15) In IRC, Section P2903.9.3, the first sentence is deleted and replaced with the  
1783 following:

1784 "Unless the plumbing appliance or plumbing fixture has a wall-mount valve,  
1785 shutoff valves shall be required on each fixture supply pipe to each plumbing appliance  
1786 and to each plumbing fixture other than bathtubs and showers."

1787 (16) IRC, Section P2910.5, is deleted and replaced with the following:

1788 "P2910.5 Potable water connections.

1789 A system that utilizes nonpotable water (i.e., pressurized irrigation) and installs a  
1790 connection to the potable water system for backup ~~must~~ shall install a Reduced Pressure  
1791 Principle Assembly (RP) directly downstream of the potable water connection (Stop and  
1792 Waste) and install a "dual source connection" directly downstream from the (RP) installed so  
1793 that either the potable water system or the nonpotable water is connected at any time to prevent  
1794 a direct Cross Connection and to protect the potable water from any potential hazard from the  
1795 nonpotable water system. See Utah Code Section 19-4-112. Note: RP ~~must~~ shall be tested  
1796 within 10 days of installation and annually whether the drinking water is used or not."

1797 (17) IRC, Section P2910.9.5, is deleted and replaced with the following:

1798 "P2910.9.5 Makeup water.

1799 Where an uninterrupted nonpotable water supply is required for the intended application,  
1800 potable or reclaimed water shall be provided as a source of makeup water for the storage tank.  
1801 The makeup water supply shall be protected against backflow by means of an air gap not less  
1802 than ~~4~~ four inches (102 millimeters) above the overflow or by a reduced pressure backflow  
1803 prevention assembly installed in accordance with Section 2902."

1804 (18) In IRC, Section P2911.12.4, the following words are deleted: "and backwater valves."

1805 (19) In IRC, Section P2912.15.6, the following words are deleted: "and backwater valves."

1806 (20) In IRC, Section P3007.3.3.1, the words "stainless steel, cast iron, galvanized steel, brass" are added after the word "PE."

1808 (21) IRC, Section P3009, is deleted and replaced with the following:

1809 "P3009 Graywater soil absorption systems: Graywater recycling systems utilized for  
1810 subsurface irrigation for single-family residences shall comply with the requirements of Utah  
1811 Administrative Code, R317-401, Graywater Systems. Graywater recycling systems utilized for  
1812 subsurface irrigation for other occupancies shall comply with Utah Administrative Code,  
1813 R317-3, Design Requirements for Wastewater Collection, Treatment, and Disposal Systems,  
1814 and Utah Administrative Code, R317-4, Onsite Wastewater Systems."

1815 (22) In IRC, Section P3101.4, the following sentence is added at the end of the paragraph:

1816 "Vents extending through the wall shall terminate not less than 12 inches from the  
1817 wall with an elbow pointing downward."

1818 (23) In IRC, Section P3104.4, the following sentence is added at the end of the paragraph:

1819 "Horizontal dry vents below the flood level rim shall be permitted for floor drain  
1820 and floor sink installations when installed below grade in accordance with Chapter 30,  
1821 and Sections P3104.2 and P3104.3. A wall cleanout shall be provided in the vertical  
1822 vent."

1823 (24) In IRC, Section E3401.2, the second sentence is modified by adding the words

1824 "townhouses" [ ] after the word "dwellings" and the word "their" before the word  
1825 "accessory" and the following is added after "NFPA 70", "such as, but not limited to the  
1826 following equipment:

1827 (a) fixed outdoor electric deicing and snow-melting equipment;

1828 (b) motors;

1829 (c) generators;

1830 (d) transformers;

1831 (e) phase converters;

1832 (f) stationary standby batteries;

1833 (g) elevators;

1834 (h) dumbwaiters;

1835 (i) platform lifts;

1836 (j) stairway chairlifts;

1837 (k) electric vehicle power transfer systems;

1838 (l) electric welders;  
1839 (m) audio signal processing, amplification, and reproduction equipment;  
1840 (n) information technology equipment;  
1841 (o) solar photovoltaic (PV) systems;  
1842 (p) optional standby systems;  
1843 (q) interconnected electric power production sources;  
1844 (r) energy storage systems; and  
1845 (s) energy management systems."

1846 Section 14. Section **15A-3-302** is amended to read:

**15A-3-302 (Effective 07/01/26). Amendments to Chapters 1 and 2 of IPC.**

1848 (1) In IPC, Section 202, the following definition is added:

1849 "Utah Certified Backflow Preventer Assembly Tester. A person who has shown  
1850 competence to test Backflow prevention assemblies to the satisfaction of the authority  
1851 having jurisdiction under Utah Code, Subsection 19-4-104(4) and Utah Administrative  
1852 Code, R309-305."

1853 (2) In IPC, Section 202, the definition for "Cross Connection" is deleted and replaced with  
1854 the following:

1855 "Cross Connection. Any physical connection or potential connection or  
1856 arrangement between two otherwise separate piping systems, one of which contains  
1857 potable water and the other either water of unknown or questionable safety or steam,  
1858 gas, or chemical, whereby there exists the possibility for flow from one system to the  
1859 other, with the direction of flow depending on the pressure differential between the two  
1860 systems (see "Backflow")."

1861 (3) In IPC, Section 202, the following definition is added:

1862 "Deep Seal Trap. A manufactured or field fabricated trap with a liquid seal of 4"  
1863 "or larger."

1864 (4) In IPC, Section 202, the definition for "Essentially Nontoxic Transfer Fluid" is deleted and  
1865 replaced with the following:

1866 "ESSENTIALLY NONTOXIC TRANSFER FLUID. Fluids, including propylene  
1867 glycol and mineral oil."

1868 (5) In IPC, Section 202, the definition for "Essentially Toxic Transfer Fluid" is deleted and  
1869 replaced with the following:

1870 "ESSENTIALLY TOXIC TRANSFER FLUID. Soil, waste, or gray water; and any  
1871 fluid that is not an essentially nontoxic transfer fluid under this code."

1872 (6) In IPC, Section 202, the following definition is added:

1873 "Motor Vehicle Waste Disposal Well. An injection well that discharges to the  
1874 subsurface by way of a floor drain, septic system, French drain, dry well, or similar  
1875 system that receives or has received fluid from a facility engaged in vehicular repair or  
1876 maintenance activities, including an auto body repair shop, automotive repair shop, new  
1877 and used car dealership, speciality repair shop, or any other facility that does any  
1878 vehicular repair work. A motor vehicle waste disposal well is subject to rulemaking  
1879 under Section 19-5-104 regarding underground injection."

1880 (7) In IPC, Section 202, the definition for "Potable Water" is deleted and replaced with the  
1881 following:

1882 "Potable Water. Water free from impurities present in amounts sufficient to cause  
1883 disease or harmful physiological effects and conforming to the Utah Code, Title 19,  
1884 Chapter 4, Safe Drinking Water Act, and Title 19, Chapter 5, Water Quality Act, and the  
1885 regulations of the public health authority having jurisdiction."

1886 (8) In IPC, Section 202, the following definition is added for ~~Dual Source Connection~~ dual  
1887 source connection:

1888 "[~~Dual Source Connection~~] DUAL SOURCE CONNECTION. A pipe that is  
1889 installed so that either the nonpotable (i.e. secondary) irrigation water or the potable  
1890 water is connected to a pressurized irrigation system at one time, but not both at the  
1891 same time; or a pipe that is installed so that either the potable water or private well water  
1892 is connected to a residence at one time, not both at the same time. The potable water  
1893 supply line shall be protected by a reduced pressure backflow preventer."

1894 (9) In IPC, Section 202, the definition for individual water supply is deleted and replaced  
1895 with the following:

1896 "INDIVIDUAL WATER SUPPLY. A water supply that is not served by a Public  
1897 Water System, as defined by Utah Administrative Code, R309-100."

1898 (10) In IPC, Section 202, the definition for public water main is deleted and replaced with  
1899 the following:

1900 "PUBLIC WATER MAIN. A water supply pipe owned by a Public Water System, as  
1901 defined in Utah Administrative Code, R309-100."

1902 (11) In IPC, Section 202, the following definition is added for public water supply:  
1903 "PUBLIC WATER SUPPLY. A water supply that is served by a Public Water  
1904 System, as defined in Utah Administrative Code, R309-100."

1905 Section 15. Section **15A-3-303** is amended to read:

**15A-3-303 (Effective 07/01/26). Amendments to Chapter 3 of IPC.**

1906 (1) In IPC, Section 303.4, the following exception is added:

1907 "Exception: Third-party standards and certification for approval of backflow prevention  
1908 assemblies [will] shall consist of any combination of two [certifications, laboratory or field].  
1909 Acceptable third party laboratory certifying agencies are ASSE, IAPMO, and USC-FCCCHR.  
1910 USC-FCCCHR currently provides the only field testing of backflow protection assemblies.]  
1911 approvals from a third-party laboratory, and a recognized listed organization that performs a  
1912 laboratory performance evaluation and a one-year field performance evaluation. Also see  
1913 www.drinkingwater.utah.gov and Division of Drinking Water Rule, Utah Administrative  
1914 Code, R309-105-12(4)."

1915 [(2) IPC, Section 311.1, is deleted.]

1916 [(3)] (2) In IPC, Section 306.2.4, the following sentence is added after the last sentence:

1917 "Access shall be provided to the tracer wire at both ends or both ends of the tracer  
1918 wire shall be terminated at the cleanout."

1919 (3) In IPC, Section 312.3, the following is added at the end of the paragraph:

1920 "Where water is not available at the construction site or where freezing conditions limit  
1921 the use of water on the construction site, plastic drainage and vent pipe may be permitted to be  
1922 tested with air. The following procedures shall be followed:

1923 1. Contractor shall recognize that plastic is extremely brittle at lower temperatures and  
1924 can explode, causing serious injury or death.

1925 2. Contractor assumes all liability for injury or death to persons or damage to property  
1926 or for claims for labor and/or material arising from any alleged failure of the system during  
1927 testing with air or compressed gasses.

1928 3. Proper personal protective equipment, including safety eyewear and protective  
1929 headgear, should be worn by all individuals in any area where an air or gas test is being  
1930 conducted.

1931 4. Contractor shall take all precautions necessary to limit the pressure within the plastic  
1932 piping.

1933 5. No drain and vent system shall be pressurized in excess of 6 psi as measured by  
1934 accurate gauges graduated to no more than three times the test pressure.

1935 6. The pressure gauge shall be monitored during the test period, which should not  
1936 exceed 15 minutes.

1937 7. At the conclusion of the test, the system shall be depressurized gradually, all trapped  
1938 air or gases should be vented, and test balls and plugs should be removed with caution."

1940 (4) In IPC, [Section 312.5] Section 312.6, the following is added at the end of the paragraph:

1941 "Where water is not available at the construction site or where freezing conditions limit  
1942 the use of water on the construction site, plastic water pipes may be permitted to be tested with  
1943 air. The following procedures shall be followed:

1944 1. Contractor shall recognize that plastic is extremely brittle at lower temperatures and  
1945 can explode, causing serious injury or death.

1946 2. Contractor assumes all liability for injury or death to persons or damage to property  
1947 or for claims for labor and/or material arising from any alleged failure of the system during  
1948 testing with air or compressed gasses.

1949 3. Proper personal protective equipment, including safety eyewear and protective  
1950 headgear, should be worn by all individuals in any area where an air or gas test is being  
1951 conducted.

1952 4. Contractor shall take all precautions necessary to limit the pressure within the plastic  
1953 piping.

1954 5. Water supply systems shall be pressure tested to a minimum of 50 psi but not more  
1955 than 80 psi as measured by accurate gauges graduated to no more than three times the test  
1956 pressure.

1957 6. The pressure gauge shall be monitored during the test period, which should not  
1958 exceed 15 minutes.

1959 7. At the conclusion of the test, the system shall be depressurized gradually, all trapped  
1960 air or gases should be vented, and test balls and plugs should be removed with caution."

1961 (5) IPC, [Section 312.10.2] Section 312.11.2, is deleted and replaced with the following:

1962 "[312.10.2] 312.11.2 Testing. Reduced pressure principle, double check, pressure  
1963 vacuum breaker, reduced pressure detector fire protection, double check detector fire  
1964 protection, and spill-resistant vacuum breaker backflow preventer assemblies shall be tested at  
1965 the time of installation or within 10 days of being placed into service, immediately after repairs  
1966 or relocation and at least annually. The [Utah Cross Connection Control Commission] Utah  
1967 Division of Drinking Water has adopted the field test procedures published by the Manual of  
1968 Cross-Connection Control, Tenth Edition. This manual is published by the University of  
1969 Southern California's Foundation for Cross-Connection Control and Hydraulic Research. Test  
1970 gauges shall comply with ASSE 1064."

1971 (6) A new IPC, [Section 312.10.3] Section 312.11.3, is added as follows:

1972 "[312.10.3] 312.11.3 Tester Qualifications. Testing shall be performed by a Utah  
1973 Certified Backflow Assembly Tester in accordance with Utah Administrative Code,

1974 R309-305."

1975 Section 16. Section **15A-3-304** is amended to read:

1976 **15A-3-304 (Effective 07/01/26). Amendments to Chapter 4 of IPC.**

1977 (1) In IPC, Table 403.1, the following changes are made:

1978 (a) In row number "3", for in the field for "OTHER", a new footnote h is added.

1979 (b) In row number "5", for "Adult day care and child day care" occupancy, in the field  
1980 for "OTHER", a new footnote h is added.

1981 (c) Footnote f is deleted and replaced with the following: "FOOTNOTE f: The required  
1982 number and type of plumbing fixtures for outdoor public swimming pools shall be in  
1983 accordance with Utah Administrative Code, R392-302, Design, Construction and  
1984 Operation of Public Pools."

1985 (d) A new footnote g is added as follows:

1986 "FOOTNOTE[:] g: When provided, in public toilet facilities, there shall be an  
1987 equal number of diaper changing facilities in male toilet rooms and female toilet  
1988 rooms. Diaper changing facilities shall meet the requirements of ASTM F2285-04  
1989 (2010) Standard Consumer Safety Performance Specifications for Diaper Changing  
1990 Tables for Commercial Use."

1991 (e) A new footnote h is added to the table as follows:

1992 [-]"FOOTNOTE h: Non-residential child care facilities shall comply with the  
1993 additional sink requirements of Utah Administrative Code, R381-60-9, Hourly Child  
1994 Care Centers, R381-70-9, Out of School Time Child Care Programs, and  
1995 R381-100-9, Child Care Centers."

1996 (2) In IPC, Section 403.1.1, Exception 2 is deleted and replaced with the following:

1997 2. Where multiple-user facilities are designed to serve all genders, the following  
1998 shall apply:

1999 2.1. The maximum fixture count to serve all genders shall be calculated at 50% of the  
2000 total occupant load. The maximum fixture count for the multiple user all gender facility  
2001 shall be calculated at 50% female and 50% male.

2002 2.2 The remaining 50% of the required restroom fixtures shall be provided as  
2003 required by Table 403.1."

2004 [(2)] (3) In IPC, Section 405.3.4, the following sentence is added after the first sentence:

2005 "For facilities designed for use by all genders in the same room, the partitions of  
2006 the stalls shall extend from the floor to the ceiling."

2007 [(3)] (4) In IPC, Section 405.3.5, the following sentence is added at the end of the first

2008 paragraph:

2009 "For facilities designed for use by all genders in the same room, the partitions of  
2010 the stalls shall extend from the floor to the ceiling."

2011 [(4)] (5) A new IPC, Section 406.3, is added as follows:

2012 "406.3 Automatic clothes washer safe pans. Safe pans, when installed under  
2013 automatic clothes washers, shall be installed in accordance with Section 504.7."

2014 (6) In IPC, Section 412.2, the following is added at the end of the sentence: "-2020."

2015 [(5)] (7) A new IPC, Section 413.5, is added as follows:

2016 "413.5 Public toilet rooms. All public toilet rooms shall be equipped with at least  
2017 one floor drain."

2018 [(6)] (8) A new IPC, Section 413.6, is added as follows:

2019 "Prohibition of motor vehicle waste disposal wells. New and existing motor  
2020 vehicle waste disposal wells are prohibited. A motor vehicle waste disposal well  
2021 associated with a single family residence is not subject to this prohibition."

2022 [(7)] (9) IPC, Section 423.3, is deleted.

2023 Section 17. Section **15A-3-306** is amended to read:

2024 **15A-3-306 (Effective 07/01/26). Amendments to Chapter 6 of IPC.**

2025 (1) IPC, Section 602.3, is deleted and replaced with the following:

2026 "602.3 Individual water supply. Where a potable public water supply is not  
2027 available, individual sources of potable water supply shall be utilized provided that the  
2028 source has been developed in accordance with Utah Code, Sections 73-3-1, 73-3-3, and  
2029 73-3-25, as administered by the Department of Natural Resources, Division of Water  
2030 Rights. In addition, the quality of the water shall be approved by the local health  
2031 department having jurisdiction. The source shall supply sufficient quantity of water to  
2032 comply with the requirements of this chapter."

2033 (2) IPC, Sections 602.3.1, 602.3.2, 602.3.3, 602.3.4, 602.3.5, and 602.3.5.1, are deleted.

2034 (3) In IPC, Table 604.4, the following changes are made in the column titled "MAXIMUM  
2035 FLOW RATE OR QUANTITY":

2036 (a) In the row titled "Lavatory, private" the text is deleted and replaced with "1.5 gpm at  
2037 60 psi."[-]

2038 (b) In the row titled "Shower head" the text is deleted and replaced with "2 gpm at 80 psi.  
2039 "[-]

2040 (c) In the row titled "Urinal" the text is deleted and replaced with "0.5 gallon per  
2041 flushing cycle."[-]

2042 (4) A new IPC, Section 604.4.1, is added as follows:

2043 "604.4.1 Manually operated metering faucets for food service establishments.

2044 Self closing or manually operated metering faucets shall provide a flow of water for at

2045 least 15 seconds without the need to reactivate the faucet."

2046 (5) IPC, Section 606.5, is deleted and replaced with the following:

2047 "606.5 Water pressure booster systems. Water pressure booster systems shall be

2048 provided as required by Section 606.5.1 through 606.5.11."

2049 (6) In IPC, Section 606.5.1, the words "public water main or" are deleted.

2050 (7) A new IPC, Section 606.5.11, is added as follows:

2051 "606.5.11 Water pressure booster pumps connected to a public water main. A

2052 water pressure booster pump shall not be connected to a public water main unless

2053 allowed by Utah Administrative Code, Rule R309-540."

2054 (8) In IPC, Section 608.1, the words "and pollution" are added after the word

2055 "contamination."

2056 (9) In IPC, Section 608.1, the following subsections are added as follows:

2057     "608.1.1 General Installation Criteria.

2058     An assembly shall not be installed more than five feet above the floor unless a

2059 permanent platform is installed. The assembly owner, where necessary, shall provide devices

2060 or structures to facilitate testing, repair, and maintenance and to insure the safety of the

2061 backflow technician.

2062     608.1.2 Specific Installation Criteria.

2063         608.1.2.1 Reduced Pressure Principle Backflow Prevention Assembly.

2064         A reduced pressure principle backflow prevention assembly shall be installed as follows:

2065         a. The assembly shall not be installed in a pit or below grade where the relief port could

2066 be submerged in water or where fumes could be present at the relief port discharge.

2067         b. The relief valve of the assembly shall not be directly connected to a waste disposal

2068 line, including a sanitary sewer, storm drain, or vent.

2069         c. The assembly shall be installed in a horizontal position, unless the assembly is listed

2070 or approved for vertical installation in accordance with Section 303.4.

2071         d. The bottom of each assembly shall be installed a minimum of 12 inches above the

2072 ground or the floor.

2073         e. The body of the assembly shall be a minimum of 12 inches from any wall, ceiling, or

2074 obstacle, and shall be readily accessible for testing, repair, and maintenance.

2075         608.1.2.2 Double Check Valve Backflow Prevention Assembly.

2076        A double check valve backflow prevention assembly shall be installed as follows:

2077        a. The assembly shall be installed in a horizontal position unless the assembly is listed or  
2078        approved for vertical installation.

2079        b. The bottom of the assembly shall be a minimum of 12 inches above the ground or the  
2080        floor.

2081        c. The body of the assembly shall be a minimum of 12 inches from any wall, ceiling, or  
2082        obstacle, and shall be readily accessible for testing, repair, and maintenance.

2083        d. If installed in a pit, the assembly shall be installed with a minimum of 12 inches of  
2084        clearance around all sides of the vault, including the floor and roof or ceiling, with adequate  
2085        room for testing and maintenance.

2086        **608.1.2.3 Pressure Vacuum Breaker Assembly and Spill Resistant Pressure Vacuum  
2087        Breaker Assembly.**

2088        A pressure vacuum breaker assembly and spill resistant pressure vacuum breaker  
2089        assembly shall be installed as follows:

2090        a. The assembly shall not be installed in an area that could be subject to backpressure or  
2091        back drainage conditions.

2092        b. The assembly shall be installed a minimum of 12 inches above all downstream piping  
2093        and the highest point of use.

2094        c. The assembly shall be a minimum of 12 inches from any wall, ceiling, or obstacle,  
2095        and shall be readily accessible for testing, repair, and maintenance.

2096        d. The assembly shall not be installed below ground or in a vault or pit.

2097        e. The assembly shall be installed in a vertical position."

2098        **(10) In Table 608.1, under Backflow preventer plumbing devices, the following is added:**

<u>Hand-held Showers</u>	<u>High or Low Hazard</u>	<u>Backpressure or Backsiphonage</u>	<u>ASME 112.18.3 or ASSE 1014</u>
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2100        **[{10}] (11) In IPC, Section 608.3, the word "and" before the word "contamination" is deleted  
2101        and replaced with a comma and the words "[‐]or pollution" are added after the word  
2102        "contamination" in the first sentence.**

2103        **[{11}] (12) In IPC, Section 608.6, the words "with the potential to create a condition of  
2104        either contamination or pollution or" are added after the word "substances."**

2105        **[{12}] (13) In IPC, Section 608.7, the following sentence is added at the end of the  
2106        paragraph:**

2107        "Any connection between potable water piping and sewer-connected waste shall  
2108        be protected by an air gap in accordance with Section 608.14.1."

2109 [43] (14) IPC, Section 608.8, is deleted and replaced with the following:

2110 ~~"608.8 Stop and Waste Valves]~~ "608.8 Stop-and-waste valves installed below  
2111 grade. Combination stop-and-waste valves shall be permitted to be installed  
2112 underground or below grade. Freeze proof yard hydrants that drain the riser into the  
2113 ground are considered to be stop-and-waste valves and shall be permitted. A  
2114 stop-and-waste valve shall be installed in accordance with a manufacturer's  
2115 recommended installation instructions."

2116 [44] (15) IPC, Section 608.14.3, is deleted and replaced with the following: ["]

2117 "608.14.3 Backflow preventer with intermediate atmospheric vent. Backflow preventers  
2118 with intermediate atmospheric vents shall conform to ASSE 1012 or CSA CAN/CSA-B64.3.  
2119 These devices shall be permitted to be installed on residential boilers, without chemical  
2120 treatment, where subject to continuous pressure conditions, and humidifiers in accordance with  
2121 Section 608.17.10. The relief opening shall discharge by air gap and shall be prevented from  
2122 being submerged."

2123 [45] (16) IPC, Section 608.14.4, is deleted.

2124 [46] (17) IPC, Section 608.16.3, is deleted and replaced with the following:

2125 ["] "608.16.3 Protection by a backflow preventer with intermediate atmospheric  
2126 vent. Connections to residential boilers only, without chemical treatment, and  
2127 humidifiers shall be protected by a backflow preventer with an intermediate atmospheric  
2128 vent."

2129 [47] (18) IPC, Section 608.16.4, is deleted and replaced with the following:

2130 ["] "608.16.4 Protection by a vacuum breaker. Openings and outlets shall be  
2131 protected by atmospheric-type or pressure-type vacuum breakers. Vacuum breakers  
2132 shall not be installed under exhaust hoods or similar locations that will contain toxic  
2133 fumes or vapors. Fill valves shall be set in accordance with Section 415.3.1.  
2134 Atmospheric Vacuum Breakers - The critical level of the atmospheric vacuum breaker  
2135 shall be set a minimum of [6] six inches (152 mm) above the flood level rim of the  
2136 fixture or device. Pipe-applied vacuum breakers shall be installed at the highest point,  
2137 but not less than [6] six inches (152 mm) above the flood level rim of the fixture,  
2138 receptor, or device served. No valves shall be installed downstream of the atmospheric  
2139 vacuum breaker. The atmospheric vacuum breaker shall not be installed where it may be  
2140 subjected to continuous pressure for more than 12 consecutive hours at any time.  
2141 Pressure Vacuum Breaker - The critical level of the pressure vacuum breaker shall be set  
2142 a minimum of 12 inches (304 mm) above the flood level of the fixture device and above

2143 all downstream piping and the highest point of use."

2144 [(18)] (19) In IPC, Section 608.16.4.2, the following is added after the first sentence:

2145 "Add-on-backflow prevention devices shall be non-removable. In climates where  
2146 freezing temperatures occur, a listed self-draining frost proof hose bibb with an integral  
2147 backflow preventer shall be used."

2148 [(19)] (20) In IPC, Section 608.17.1.2, the words "or ASSE 1024" are deleted.

2149 [(20)] (21) IPC, Section 608.17.2, is deleted and replaced as follows:

2150 ["-"] 608.17.2 Connections to boilers. The potable supply to a boiler shall be protected  
2151 by an air gap or a reduced pressure principle backflow preventer, complying with ASSE 1013,  
2152 CSA B64.4 or AWWA C511.

2153 Exception: The potable supply to a residential boiler without chemical treatment may be  
2154 equipped with a backflow preventer with an intermediate atmospheric vent complying with  
2155 ASSE 1012, ASSE 1081.1, or CSA CAN/CSA-B64.3."

2156 [(21)] (22) In IPC, Section 608.17.4.1, a new exception is added as follows:

2157 "Exception: All class 1 and 2 systems containing chemical additives consisting of  
2158 strictly glycerine (C.P. or U.S.P. 96.5 percent grade) or propylene glycol shall be  
2159 protected against backflow with a double check valve assembly or double check valve  
2160 detector assembly. Such systems shall include written certification of the chemical  
2161 additives at the time of original installation and service or maintenance."

2162 [(22)] (23) IPC, Section 608.17.7, is deleted and replaced with the following:

2163 ["-"] 608.17.7 Chemical dispensers. Where chemical dispensers connect to the  
2164 water distribution system, the water supply system shall be protected against backflow  
2165 in accordance with Section 608.14.1, Section 608.14.2, Section 608.14.5, Section  
2166 608.14.6 or Section 608.14.8. Installation shall be in accordance with Section 608.1.2.  
2167 Chemical dispensers shall connect to a separate dedicated water supply line, and not  
2168 downstream of an atmospheric vacuum breaker."

2169 [(23)] (24) IPC, Section 608.17.8, is deleted and replaced with the following:

2170 ["-"] 608.17.8 Portable cleaning equipment. Where the portable cleaning  
2171 equipment connects to the water distribution system, the water supply system shall be  
2172 protected against backflow in accordance with Section 608.14.1 or Section 608.14.2."

2173 [(24)] (25) A new IPC, Section 608.17.11, is added as follows:

2174 ["-"] 608.17.11 Automatic and coin operated car washes. The water supply to an  
2175 automatic or coin operated car wash shall be protected in accordance with Section  
2176 608.14.2."

2177 [({25})] (26) IPC, Section 608.18, is deleted and replaced with the following:

2178 ["] "608.18 Protection of individual water supplies. See Section 602.3 for  
2179 requirements."

2180 Section 18. Section **15A-3-313** is amended to read:

2181 **15A-3-313 (Effective 07/01/26). Amendments to Chapter 13 of IPC.**

2182 (1) A new IPC, Section 1301.4.1, is added as follows:

2183 "1301.4.1 Recording.

2184 The existence of a nonpotable water system shall be recorded on the deed of ownership  
2185 for the property. The certificate of occupancy shall not be issued until the documentation for  
2186 the recording required under this section is completed by the property owner."

2187 (2) IPC, Section 1301.5, is deleted and replaced with the following:

2188 "1301.5 Potable water connections.

2189 Where a potable water system is connected to a nonpotable water system, the potable  
2190 water supply shall be protected against backflow by a reduced pressure backflow prevention  
2191 assembly or an air gap installed in accordance with Section 608."

2192 (3) In IPC, a new Section 1301.5.1 is added as follows:

2193 "1301.5.1 Potable water connections.

2194 A system that utilizes nonpotable water (i.e., pressurized irrigation) and installs a  
2195 connection to the potable water system for backup [must] shall install a Reduced  
2196 Pressure Principle Assembly (RP) directly downstream of the potable water connection  
2197 (Stop and Waste) and install a dual source connection directly downstream from the  
2198 (RP) installed so that either the potable water system or the nonpotable water is  
2199 connected at any time to prevent a direct Cross Connection and to protect the potable  
2200 water from any potential hazard from the nonpotable water system. See Utah Code  
2201 Section 19-4-112. Note: RP [must] shall be tested within 10 days of installation and  
2202 annually whether the drinking water is used or not."

2203 (4) IPC, Section 1301.9.4, is deleted and replaced with the following:

2204 "["]1301.9.4 Makeup water.

2205 Where an uninterrupted supply is required for the intended application, potable or  
2206 reclaimed water shall be provided as a source of makeup water for the storage tank. The  
2207 makeup water supply shall be protected against backflow by a reduced pressure backflow  
2208 prevention assembly or an air gap installed in accordance with Section 608. A full-open valve  
2209 located on the makeup water supply line to the storage tank shall be provided. Inlets to the  
2210 storage tank shall be controlled by fill valves or other automatic supply valves installed to

2211 prevent the tank from overflowing and to prevent the water level from dropping below a  
 2212 predetermined point. Where makeup water is provided, the water level shall not be permitted  
 2213 to drop below the source water inlet or the intake of any attached pump."

2214 (5) IPC, Section 1302.12.4, is deleted and replaced with the following:

2215 "1302.12.4 Inspection and testing of backflow prevention assemblies.

2216 Testing of a backflow preventer shall be conducted in accordance with [Seetions  
 2217 312.10.1, 312.10.2, and 312.10.3] Sections 312.11.1 and 312.11.2."

2218 (6) IPC, Section 1303.15.6, is deleted and replaced with the following:

2219 "1303.15.6 Inspection and testing of backflow prevention assemblies.

2220 Testing of a backflow prevention assembly shall be conducted in accordance with [  
 2221 Seetions 312.10.1, 312.10.2, and 312.10.3] Sections 312.11.1, 312.11.2, and 312.11.3."

2222 (7) IPC, Section 1304.4.2, is deleted and replaced with the following:

2223 "1304.4.2 Inspection and testing of backflow prevention assemblies.

2224 Testing of a backflow preventer or backwater valve shall be conducted in accordance  
 2225 with [Seetions 312.10.1, 312.10.2, and 312.10.3] Sections 312.11.1, 312.11.2, and 312.11.3."

2226 Section 19. Section **15A-3-315** is amended to read:

2227 **15A-3-315 (Effective 07/01/26). Amendments to Chapter 15 of IPC.**

2228 (1) In IPC, Chapter 15, the following reference standards are deleted: ASSE 5013-2015,  
 2229 ASSE 5015-2015, ASSE 5020-2015, ASSE 5047-2015, ASSE 5048-2015, ASSE  
 2230 5052-98, ASSE 5056-2015, CSA B64.10-17, and CSA B64.10.1-17.

2231 (2) In IPC, Chapter 15, the following referenced standard is added:

2232 "Standard reference 2233 number	2234 Title	2235 Referenced in code section number
USC-FCCCHR 10th Edition Manual of Cross Connection Control	Foundation for Cross-Connection Con- trol and Hydraulic Research University of Southern California Kaprielian Hall 300 Los Angeles CA 90089-2531	Section [312.10.2] <u>312.11.2</u> "

2236 Section 20. Section **15A-3-401** is amended to read:

2237 **15A-3-401 (Effective 07/01/26). General provisions.**

2238 (1) The amendments in this part are adopted as amendments to the IMC to be applicable  
 2239 statewide.

2240 (2) In IMC, Section 505.4, a new subsection 505.4.1 is added as follows:

2241 "505.4.1 Makeup Air. Makeup air is not required in residential dwelling units  
 2242 where gas, liquid, or solid fuel-burning appliances located within a units air barrier are

2241 all direct-vent or use a mechanical draft venting system."

2242 (3) In IMC, Section 1004.2, the first sentence is deleted and replaced with the following:

2243 "[-]In accordance with Title 34A, Chapter 7, Safety, and requirements made by  
2244 rule by the Labor Commission, boilers and pressure vessels in Utah are regulated by the  
2245 Utah Labor Commission, Division of Boiler, Elevator and Coal Mine Safety, except  
2246 those located in private residences or in apartment houses of less than five family units.  
2247 Boilers shall be installed in accordance with their listing and labeling, with minimum  
2248 clearances as prescribed by the manufacturer's installation instructions and the state  
2249 boiler code, whichever is greater."

2250 (4) In IMC, Section 1004.3.1, the word "unlisted" is inserted before the word "boilers."[-]

2251 (5) In IMC, Section 1109.2.5, Exception 2, the words "using Group A1 refrigerant" are  
2252 deleted.

2253 [(5)] (6) In IMC, Section 1209.3, the following words are added at the end of the section:

2254 "or other methods approved for the application."

2255 Section 21. Section **15A-3-402** is amended to read:

**15A-3-402 (Effective 07/01/26). Amendments to Chapters 1 through 5 of IMC.**

2257 (1) In IMC, Table 403.3.1.1, note "h" is deleted and replaced with the following:

2258 "h. 1. A nail salon shall provide each manicure station where a nail technician files or  
2259 shapes an acrylic nail, as defined by rule by the Division of Professional Licensing, in  
2260 accordance with Title 63G, Chapter 3, Utah Administrative Rulemaking Act, with:

2261 a. a source capture system equipped with, at minimum, a MERV 8 particulate filter and  
2262 an activated carbon filter that is capable of filtering and recirculating air to inside space at a  
2263 rate not less than 50 cfm per station; or

2264 b. a source capture system capable of exhausting not less than 50 cfm per station.

2265 c. A nail salon that complies with Note h. 1a or h. 1b is not required to comply with the  
2266 labeling, listing, or testing requirements described in International Mechanical Code sections  
2267 301.7 or 301.8.

2268 2. For a source capture system described in paragraph 1, the source capture system inlets  
2269 for exhausting or recirculating air shall be located in accordance with Section 502.20.

2270 3. Where one or more exhausting source capture systems described in paragraph 1  
2271 operate continuously during occupancy, the source capture system exhaust rate shall be  
2272 permitted to be applied to the exhaust flow rate required by Table 403.3.1.1 for the nail salon.

2273 4. The requirements of this note apply to:

2274 a. an existing nail salon that remodels the nail salon after July 1, 2017;

2275                   b. a new nail salon that begins construction after July 1, 2017; and  
 2276                   c. all nail salons beginning on July 1, 2020."

2277 (2) IMC, Section 502.20 is deleted and rewritten as follows:

2278                   "502.20 Manicure stations. A nail salon that files or shapes an acrylic nail shall provide  
 2279                   each manicure station with a source capture system in accordance with Table 403.3.1.1, note h.  
 2280                   For a manicure table that does not have factory-installed source capture system inlets for  
 2281                   recirculating or exhausting air, a nail salon shall provide the manicure table with inlets for  
 2282                   recirculating or exhausting air located not more than 12 inches (305 mm) horizontally and  
 2283                   vertically from the point of any acrylic chemical application.

2284                   Exception: Section 502.20 applies to a manicure station in:

2285                   a. an existing nail salon that remodels the nail salon after July 1, 2017;  
 2286                   b. a new nail salon that begins construction after July 1, 2017; and  
 2287                   c. all nail salons beginning on July 1, 2020."

2288 (3) In IMC, Section 908.1, the following words are added at the end of the last sentence: "or  
 2289                   UL/CSA 60335-2-40."

2290 (4) In IMC, Section 918.1, the following words are added after "1995": "or UL/CSA  
 2291                   60335-2-40."

2292 (5) In IMC, Section 918.2, the following words are added at the end of the sentence: "or  
 2293                   UL/CSA 60335-2-40."

2294 (6) In IMC, Section 1101.6, the following sentence is added at the end of the paragraph:  
 2295                   "High probability systems utilizing A2L refrigerants shall comply with ASHRAE 15."

2296 (7) IMC, Chapter 15 is amended by adding the following referenced standard to CSA:

2297                   "Standard reference number	Title	Referenced in code section number
2298                   CSA: CSA C22.2 60335-2-40-2019	Standard for Household and Similar Electrical Appliances, Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers - 3rd Edition	M1403.1, M1412.1, M1413.1"

2299 (8) In IMC, Section 1109.2.5, the words using "Group A1 refrigerant" are deleted in  
 2300                   Exception 2.

2301 (9) IMC, Chapter 15 is amended by adding the following referenced standard to UL:

2302                   "Standard reference number	Title	Referenced in code section number

2303	UL: 60335-2-40-2019	Standard for Household and Similar Electrical Appliances, Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers - 3rd Edition	M1403.1, M1412.1, M1413.1"
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2304 Section 22. Section **15A-3-501** is amended to read:

**15A-3-501 (Effective 07/01/26). General provisions.**

2306 The following are adopted as an amendment to the IFGC to be applicable statewide:

2307 (1) In IFGC, Section 404.9, a new Section 404.9.1, is added as follows:

2308 "404.9.1 Meter protection. Fuel gas services shall be in an approved location  
2309 and/or provided with structures designed to protect the fuel gas meter and surrounding  
2310 piping from physical damage, including falling, moving, or migrating ice and snow. If  
2311 an added structure is used, it ~~must~~ shall still provide access for service and comply with  
2312 the IBC or the IRC."

2313 (2) IFGC, Section 409.5.3, is deleted.

2314 ~~(3) In IFGC, Section 502.1, the last sentence is deleted and replaced with "Plastic vents for~~  
2315 ~~Category IV appliances shall not be required to be listed and labeled where such vents comply~~  
2316 ~~with all of the following:~~

2317 1. specified by the appliance manufacturer;  
2318 2. installed in accordance with the appliance manufacturer's instructions; and  
2319 3. the vent gas temperatures do not exceed 140 degrees Fahrenheit."]

2320 ~~(4) In IFGC, Section 503.4.1, in the last sentence after "appliance manufacturer" insert:~~  
2321 ~~"where the appliance vent gas temperatures do not exceed 140 degrees Fahrenheit,".]~~

2322 ~~(5) (3) In IFGC, Section 503.6.11.1, the following exception is added:~~

2323 "Exception: Existing and replacement Category I appliances may be located in rooms  
2324 within the occupiable space provided all the following are met:

2325 1. The original installation was compliant with existing codes at the time of installation.  
2326 2. The dwelling is equipped with a current, operable carbon monoxide detector, installed in  
2327 accordance with Section 915 of the International Building Code.  
2328 3. The AHJ has approved a replacement based on the extreme difficulty of installing  
2329 individual Category I vent system or a direct vent Category IV appliance.  
2330 4. The room or space is used for no other purpose.  
2331 5. Combustion air is provided in accordance with Section 304. Where outdoor combustion  
2332 air is provided, the room has a solid weather-stripped door equipped with an approved  
2333 self-closure device.

2334 6. Common vents terminate with a listed cap."

2335 [(6)] (4) In IFGC, Section 631.2, the following sentence is inserted before the first sentence:

2336 "[-]In accordance with Title 34A, Chapter 7, Safety, and requirements made by  
2337 rule by the Labor Commission, boilers and pressure vessels in Utah are regulated by the  
2338 Utah Labor Commission, Division of Boiler, Elevator and Coal Mine Safety, except  
2339 those located in private residences or in apartment houses of less than five family units.  
2340 Boilers shall be installed in accordance with their listing and labeling, with minimum  
2341 clearances as prescribed by the manufacturer's installation instructions and the state  
2342 boiler code, whichever is greater."

2343 Section 23. Section **15A-3-701** is amended to read:

2344 **15A-3-701 (Effective 07/01/26). General provisions.**

2345 The following is adopted as an amendment to the IECC to be applicable statewide:

2346 [(4) ~~IECC, Section C405.11, is deleted and replaced with the following:~~ "C405.11  
2347 ~~Automatic receptacle control. Automatic receptacle control to be optional and decided~~  
2348 ~~by property owner."~~]

2349 [(2)] (1) In IECC, Section R102.1.1, a new section R102.1.1 is added as follows:

2350 "R102.1.1 National Green Building Standard complying with ICC 700-2020  
2351 National Green Building Standard and achieving the Gold rating level for the energy  
2352 efficiency category shall be deemed to exceed the energy efficiency required by this  
2353 code. The building shall also meet the requirements identified in table N1105.2 and the  
2354 building thermal envelope efficiency is greater than or equal to levels of efficiency and  
2355 solar heat gain coefficients (SHGC) in Tables N1102.2.2 and N1102.1.3 of the 2009  
2356 IRC."

2357 [(3)] (2) In IECC, Section R103.2, all words after the words "herein governed[.]" are  
2358 deleted and replaced with the following:

2359 "Construction documents include all documentation required for building permits  
2360 shall include only those items specified in 10-5-132(8) of the Utah Municipal Code."

2361 [(4)] (3) In IECC, Section R303.1.3, the following changes are made:

- 2362 (a) The following is added at the end of the first sentence: "or EN  
2363 14351-1:2006+A1:2010."
- 2364 (b) The word "accredited" is replaced with "approved" in the third sentence.
- 2365 (c) The following sentence is added after the third sentence: "A conversion factor of  
2366 5.678 shall be used to convert from U values expressed in SI units: ()/53678=."
- 2367 (d) After "NFRC 200" the following words are added: "or EN 14351-1:2006+A1:2010",

2368 and in the sentence the word "accredited" is replaced with the word "approved."[-]  
2369 (e) The following new sentence shall be inserted immediately [prior to] before the last  
2370 sentence:  
2371 "Total Energy Transmittance values may be substituted for SHGC, and  
2372 Luminous Transmission values may be substituted for VT."  
2373 [(-5)] (4) In IECC, Section R303.3, all wording after the first sentence is deleted.  
2374 [(-6)] (5) In IECC, Section R401.2, in the first sentence, the words "Section R401.13.5 and"  
2375 are deleted.  
2376 [(-7)] (6) In IECC, Section R401.2.5 is deleted.  
2377 [(-8)] (7) In IECC, Section R401.3 Number 7, the words "and the compliance path used" are  
2378 deleted.  
2379 [(-9)] (8) In IECC Table R402.1.2, the following changes are made:  
2380 (a) in the column titled "Fenestration U-Factor", the following changes are made:  
2381 (i) in the row titled "Climate Zone 3", delete 0.30 and replace it with 0.32;  
2382 (ii) in the row titled "Climate Zone 5 and Marine 4", delete 0.30 and replace it with  
2383 0.32; and  
2384 (iii) in the row titled "Climate Zone 6", delete 0.30 and replace it with 0.32;  
2385 (b) in the column titled "Glazed Fenestration SHGC", the following change is made: in  
2386 the row titled "Climate Zone 3" delete 0.25 and replace it with 0.35;  
2387 (c) in the column titled "Climate U-Factor", the following changes are made:  
2388 (i) in the row titled "Climate Zone 3", delete 0.026 and replace it with 0.030;  
2389 (ii) in the row titled "Climate Zone 5 and Marine 4", delete 0.024 and replace it with  
2390 0.026; and  
2391 (iii) in the row titled "Climate Zone 6", delete 0.024 and replace it with 0.026;  
2392 (d) in the column titled "Wood Frame Wall U Factor", the following changes are made:  
2393 (i) in the row titled "Climate Zone 3", delete 0.060 and replace it with 0.060;  
2394 (ii) in the row titled "Climate Zone 5 and Marine 4", delete 0.045 and replace it with  
2395 0.060; and  
2396 (iii) in the row titled "Climate Zone 6", delete 0.045 and replace it with 0.060;  
2397 (e) in the column titled "Basement wall U-Factor", the following changes are made:  
2398 (i) in the row titled "Climate Zone 5 and Marine 4", delete 0.050 and replace it with  
2399 0.075; and  
2400 (ii) in the row titled "Climate Zone 6", delete 0.50 and replace it with 0.065; and  
2401 (f) in the column titled "Crawl Space Wall U-Factor", the following changes are made:

2402 (i) in the row titled "Climate Zone 5 and Marine 4", delete 0.055 and replace it with  
2403 0.078; and

2404 (ii) in the row titled "Climate Zone 6", delete 0.55 and replace it with 0.065.

2405 [(40)] (9) In IECC, Table R402.1.3, the following changes are made:

2406 (a) in the column titled "Fenestration U-Factor", the following changes are made:

2407 (i) in the row titled "Climate Zone 3", delete 0.30 and replace it with 0.32;

2408 (ii) in the row titled "Climate Zone 5 and Marine 4", delete 0.30 and replace it with  
2409 0.32; and

2410 (iii) in the row titled "Climate Zone 6", delete 0.30 and replace it with 0.32;

2411 (b) in the column titled "Glazed Fenestration SHGC", the following change is made: in  
2412 the row titled "Climate Zone 3" delete 0.25 and replace it with 0.35;

2413 (c) in the column R-Value the following changes are made:

2414 (i) in the row titled "Climate Zone 3", delete 49 and replace it with 38;

2415 (ii) in the row titled "Climate Zone 5 and Marine 4", delete 60 and replace it with 49;  
2416 and

2417 (iii) in the row titled "Climate Zone 6", delete 60 and replace it with 49;

2418 (d) in the column titled "Wood Frame Wall R-Value", the following changes are made:

2419 (i) in the row titled "Climate Zone 3", delete all values and replace with "20+Oci or  
2420 13+5ci or 0+15ci";

2421 (ii) in the row titled "Climate Zone 5 or Marine 4", delete all values and replace with  
2422 "21+Oci or 15+5ci or 0+15ci"; and

2423 (iii) in the row titled "Climate Zone 6", delete all values and replace with "21+Oci or  
2424 15+5ci or 0+15ci";

2425 (e) in the column titled "Basement Wall R-Value", the following changes are made:

2426 (i) in the row titled "Climate Zone 5 or Marine 4", delete all values and replace with  
2427 "15+Oci or 0+11ci or 11+5ci"; and

2428 (ii) in the row titled "Climate Zone 6", delete all values and replace with "19+Oci or  
2429 0+13ci or 11+5ci";

2430 (f) in the column titled "Slab R-Value and Depth", the following changes are made:

2431 (i) in the row titled "Climate Zone 3", delete "10ci. 2ft" and replace it with "NR"; and

2432 (ii) in the row titled "Climate Zone 5 [8ci] and Marine 4", delete "4 ft" and  
2433 replace it with "2 ft";

2434 (g) in the column titled "Crawl Space Wall R-Value", the following changes are made:

2435 (i) in the row titled "Climate Zone 5 or Marine 4", delete all values and replace with

2436 "15+Oci or 0+11ci or 11+5ci"; and

2437 (ii) in the row titled "Climate Zone 6", delete all values and replace with "19+Oci or  
2438 0+13ci or 0+11+5ci"; and

2439 (h) in IECC, Table R402.2, in the column titled "MASS WALL R-VALUE", a new  
2440 footnote "j" is added as follows:

2441 "j Log walls complying with ICC400 and with a minimum average wall  
2442 thickness of [5] five inches or greater shall be permitted in "Zones 5 through 8" when  
2443 overall window glazing has a .31 U-factor or lower, minimum heating equipment  
2444 efficiency is 90 AFUE (gas) or 84 AFUE (oil), and all other component requirements  
2445 are met."

2446 [(H)] (10) In IECC, a new subsection R402.1.5.1 is added as follows:

2447 "R402.1.5.1 RESCheck 2012 Utah Energy Conservation Code. Compliance with  
2448 section N1102.1.5 (R402.1.5) may be satisfied using the software RESCheck 2012 Utah  
2449 Energy Conservation Code, which shall satisfy the R-value and U-factor requirements of  
2450 N1102.1, N1102.2, and N1102.3, provided the following conditions are met:

2451 (a) In Climate Zone 5 and 6 the software result shall show 5% better than code; and  
2452 (b) In Climate Zone 3, the software result shall show 5% better than code when software  
2453 inputs for window U-factor = 0.65 and window SHGC = 0.40, notwithstanding actual  
2454 windows installed shall conform to requirements of Tables N1102.1.2 (R402.1.2) and  
2455 N1102.1.3 (R402.1.3)."

2456 [(I2)] (11) In IECC, Section R402.2.1, a new section is added as follows:

2457 "R402.2.1.1. Unvented attic and unvented enclosed rafter assemblies. Unvented attic and  
2458 unvented enclosed rafter assemblies conforming to Section R806.5 shall be provided with an  
2459 R-value of R-22 (maximum U-Factor of 0.045) in Climate Zone 3-B or an R-value of R-26  
2460 (maximum U-factor of 0.038) in Climate Zones 5-B and 6-B shall be permitted provided all  
2461 the following conditions are met:

- 2462 1. The unvented attic assembly complies with the requirements of the International  
2463 Residential Code, Section R806.5.
- 2464 2. The house shall attain a blower door test result 2.5ACH 50.
- 2465 3. The house shall require a whole house mechanical ventilation system that does not  
2466 rely solely on a negative pressure strategy ([must] shall be positive, balanced or hybrid).
- 2467 4. Where insulation is installed below the roof deck and the exposed portion of roof  
2468 rafters are not already covered by the R-20 depth of the air-impermeable insulation, the  
2469 exposed portion of the roof rafters shall be wrapped (covered) by minimum R-3 unless directly

2470 covered by drywall/finished ceiling. Roof rafters are not required to be covered by minimum  
2471 R-3 if a continuous insulation is installed above the roof deck.

2472 5. Indoor heating, cooling and ventilation equipment (including ductwork) shall be  
2473 inside the building thermal envelope."

2474 [(13)] (12) A new IECC, Section R402.2.1.3 is added as follows:

2475 [-]"R402.2.1.3 Walls with Air-Impermeable Insulation. Where IECC Table R402.1.2  
2476 requires R-20 for wood framed walls in climate zones 3-B and 5-B or R-20+5CI for  
2477 climate zone 6-B, an air-impermeable insulation installed in the wall cavity with R-value  
2478 of R-15 for climate zones 3-B and 5-B or R-20 for climate zone 6-B shall be deemed  
2479 equivalent to the provisions in IECC Table R402.1.2, provided the home attains a  
2480 blower door test 2.5ACH."

2481 [(14)] (13) In IECC, Section R402.2.9.1, the numeral "(i)" is added before the words "cut at  
2482 a 45 degree" and the following is added after the words "exterior wall": "or (ii) lowered  
2483 from top of slab 4" when a 4" thermal break material such as, but not limited to, felt or  
2484 asphalt impregnated fiber board, with a minimum thickness of 1/4" is installed at the  
2485 upper 4" of slab."

2486 [(15)] (14) In IECC, Section R402.4.1, in the first sentence, the word "and" is deleted and  
2487 replaced with the word "or."[-]

2488 [(16)] (15) In IECC, Section R402.4.1.1, the second and the last sentences are deleted and  
2489 replaced with the following:

2490 "Where required by the code official, the builder shall certify compliance with  
2491 criteria indicated in Table R1102.4.1 for items which are not readily visible during  
2492 regularly scheduled inspections."

2493 [(17)] (16) In IECC, Table R402.4.1.1 in the column titled "COMPONENT", the following  
2494 changes are made:

2495 (a) in the row "Rim Joists" the word "exterior" in the first sentence is deleted, and the  
2496 second sentence is deleted.  
2497 (b) In the row "Electrical/phone box on the exterior walls" the last sentence is deleted  
2498 and replaced with: "Alternatively, close cell foam, caulking or gaskets may be used,  
2499 or air sealed boxes may be installed."

2500 [(18)] (17) In IECC, Section R402.4.1.2, the following changes are made:

2501 (a) In the fourth sentence, the word "third" is deleted.  
2502 (b) The following sentence is added after the fourth sentence:  
2503 "The following parties shall be approved to conduct testing: Parties certified by

2504 BPI or RESNET, or licensed contractors who have completed training provided by  
2505 Blower Door Test equipment manufacturers or other comparable training."

2506 (c) In the first Exception the second sentence is deleted.

2507 [(49)] (18) In IECC, Section R402.4.1.3, the following changes are made:

2508 (a) in the first sentence, the words 5.0 air changes per hour in Climate Zones 0, 1 and 2,  
2509 and 3.0 are deleted and replaced with 4.0., and the words in Climate Zone 3 through  
2510 8 are deleted;

2511 (b) in the first sentence of the Exception, 0.28 is replaced with 5.0 air changes per hour  
2512 or 0.30; and

2513 (c) in Number 2, the words of "conditioned floor area" are inserted before the words "or  
2514 smaller."

2515 [(20)] (19) In IECC, Section R402.6 is deleted.

2516 [(21)] (20) In IECC, Section R403.3.1 is deleted and replaced with the following:

2517 "Ducts located outside conditioned space. Supply and return ducts in attics shall be  
2518 insulated to a minimum of R-8 where [3] three inches (76.2 mm) in diameter and greater  
2519 and R-6 where less than [3] three inches (76.2 mm) in diameter. Supply and return ducts  
2520 in other portions of the building shall be insulated to a minimum of R-6 where [3] three  
2521 inches (76.2 mm) in diameter or greater and R-4.2 where less than [3] three inches (76.2  
2522 mm) in diameter. Exception: Ducts or portions thereof located completely inside the  
2523 building thermal envelope."

2524 [(22)] (21) In IECC, Section R403.3.3, is deleted.

2525 [(23)] (22) In IECC, Section R403.3.3.1 is deleted.

2526 [(24)] (23) In IECC, Section R403.3.5, the following changes are made:

2527 (a) a second Exception is added as follows:

2528 "A duct leakage test shall not be required for any system designed such that no air  
2529 handlers or ducts are located within unconditioned attics."

2530 (b) the following is added at the end of the section:

2531 "The following parties shall be approved to conduct testing:

2532 (i) Parties certified by BPT or RESNET

2533 (ii) Licensed contractors who have completed training provided by Duct Test  
2534 equipment manufacturers or other comparable training."

2535 [(25)] (24) In IECC, Section N1103.3.6 (R403.3.6) the following changes are made:

2536 (a) in Subsection 1:

2537 (i) the number 4.0 is changed to 6.0;

2538 (ii) the number 113.3 is changed to 170;  
 2539 (iii) the number 3.0 is changed to 5.0; and  
 2540 (iv) the number 85 is changed to 141;  
 2541 (b) in Subsection 2:  
 2542 (i) the number 4.0 is changed to 5.0; and  
 2543 (ii) the number 113.3 is changed to 141; and  
 2544 (c) Subsection 3 is deleted.

2545 [~~(26)~~] (25) In IECC, Section N1103.3.7 (R403.3.7) the words "or plenums" are deleted.

2546 [~~(27)~~] (26) In IECC, Section N1103.5.1.1 (R403.5.1.1) the words "Where installed" are  
 2547 added at the beginning of the first sentence.

2548 [~~(28)~~] (27) IECC, Section R403.6.2, is deleted and replaced with the following:

2549 "R403.6.2 Whole-house mechanical ventilation system fan efficacy. Fans used to  
 2550 provide whole-house mechanical ventilation shall meet the efficacy requirements of Table  
 2551 R403.6.2.["

2552 "]Exception: Where an air handler that is integral to tested and listed HVAC equipment  
 2553 is used to provide whole-house mechanical ventilation, the air handler shall be powered by an  
 2554 electronically commutated motor."

2555 [~~(29)~~] (28) In IECC, Section R403.6.2, the table is deleted and replaced with the following:

2556 "TABLE R403.6.2["

2557 "]MECHANICAL VENTILATION SYSTEM FAN EFFICACY["

2558	FAN LOCATION	AIR FLOW RATE MINIMUM (CFM)	MINIMUM EFFICACY (CFM/WATT)	AIR FLOW RATE MAXIMUM (CFM)
2559	HRV or ERV	Any	1.2 cfm/watt	Any
2560	Range hoods	Any	2.8 cfm/watt	Any
2561	In-line fan	Any	2.8 cfm/watt	Any
2562	Bathroom, utility room	10	1.4 cfm/watt	90
2563	Bathroom, utility room	90	2.8 cfm/watt	Any"

2564 [~~(30)~~] (29) In IECC, Section R403.6.3 is deleted.

2565 [~~(31)~~] (30) In IECC, Section R403.7, the word "approved" is deleted in the first sentence  
 2566 and the following is added after the word "methodologies": "complying with R403.7.1."

2567 [~~(32)~~] (31) A new IECC, Section R403.7.1, is added as follows:

2568 "R403.7.1 Qualifications. An individual performing load calculations shall be qualified

2569 by completing HVAC training from one of the following:

2570 1. HVAC load calculation education from ACCA;

2571 2. A recognized educational institution;

2572 3. HVAC equipment manufacturer's training; or

2573 4. Other recognized industry certification."

2574 [~~(33)~~] (32) In IECC, Section R404.1, the word "All" is replaced with "Not less than 90

2575 percent of the lamps in."

2576 [~~(34)~~] (33) In IECC, Section R404.1.1 is deleted.

2577 [~~(35)~~] (34) In IECC, Section R404.2 is deleted.

2578 [~~(36)~~] (35) In IECC, Section R404.3 is deleted.

2579 [~~(37)~~] (36) In IECC, Section R405.2 the following changes are made:

2580 (a) in Subsection 3, the words "approved by the code official" are deleted; and

2581 (b) in Subsection 3, the following words are added at the end of the sentence: "when

2582 applicable and readily available."

2583 [~~(38)~~] (37) In IECC, Section R406.3 "Building thermal envelope" is deleted, and replaced

2584 with the following:

2585 "Building thermal envelope and on-site renewables. The proposed total building

2586 thermal envelope UA, which is the sum of U-factor times assembly area, shall be less

2587 than or equal to the building thermal envelope UA using the prescriptive U-factors From

2588 Table N1102.1.2 multiplied by 1.15 in accordance with Equation 11-4. The

2589 area-weighted maximum fenestration SHGC permitted in Climate Zones 0 through 3

2590 shall be 0.30.UAProposed design = 1.15 x UAPrescriptive reference design (Equation

2591 11-4)."

2592 [~~(39)~~] (38) In IECC, Section R406.3.1 is deleted.

2593 [~~(40)~~] (39) In IECC, Section R406.3.2 is deleted.

2594 [~~(41)~~] (40) In IECC, Section R406.4 the following changes are made:

2595 (a) in the first sentence, the words "in accordance with Equation 11-5" are deleted and

2596 replaced with: "permitted to be calculated using the minimum total air exchange Rate

2597 for the rated home (Qtot) and for the index adjustment factor in accordance with

2598 Equation 11.5.;"

2599 (b) in equation 11-5, the words "Ventilation rate, CFM" are deleted and replaced with:

2600 "Qtot"; and

2601 (c) in the last sentence, the number "5" is deleted and replaced with "15."[-]

2602 [~~(42)~~] (41) In IECC, Section R406.5 in the column titled ENERGY RATING INDEX of

2603 Table R406.5, the following changes are made:

2604 (a) in the row for Climate Zone 3, "51" is deleted and replaced with "65";

2605 (b) in the row for Climate Zone 5, "55" is deleted and replaced with "69"; and

2606 (c) in the row for Climate Zone 6, "54" is deleted and replaced with "68."[-]

2607 [~~(43)~~] (42) In IECC, Section R408 is deleted.

2608 (a)(i)(A) In IECC, Chapter 6, the standard for ANSI/RESNET/ICC 201-2019

2609 section 4.4.4 is added as follows:

2610 "4.4.4. Air Source Heat Pumps and Air Conditioners. For Heat Pumps and

2611 Air Conditioners with the more recent Manufacturers Equipment Performance

2612 Ratings (HSPF2 or SEER2) available, and HSPF and SEER are not available,

2613 these ratings shall be converted to HSPF and SEER values by dividing HSPF2

2614 or SEER2 by the conversion factors in Table 4.4.4.1(1). If the type of

2615 equipment is not determined, the conversion shall default to the Ducted Split

2616 System factors. All calculations, including Equation 4.1-1a shall use HSPF or

2617 SEER values as made available by the Manufacturer or converted as specified

2618 in this section. Table 4.4.4.1(1) SEER2 and HSPF2 Conversion[<sup>m</sup>]

2619 Equipment Type	2620 SEER2/SEER	2621 EER2/EER4	2622 HSPF2/HSPF
2620 Ductless Systems	1.00	1.00	0.90
2621 Ducted Split System	0.95	0.95	0.85
2622 Ducted Packaged System	0.95	0.95	0.84
2623 Small Duct High Velocity System	1.00	Not Applicable	0.85
2624 Ducted Space-Constrained Air Conditioner	0.97	Not Applicable	Not Applicable
2625 Ducted Space-Constrained Heat Pump	0.99	Not Applicable	0.85"

2626 Section 24. Section **15A-3-801** is amended to read:

**15A-3-801 (Effective 07/01/26). General provisions.**

2628 The following are adopted as amendments to the IEBC and are applicable statewide:

2629 (1) In IEBC, Section 202, the definition for "Approved" is modified by adding the words

2630 "or independent third-party licensed engineer or architect and submitted to the building

2631 official" after the word official.

2632 (2) In IEBC, Section 202, the following definition is added:

2633 [-]"BUILDING OFFICIAL. See Code official."

2634 (3) In IEBC, Section 202, the definition for "[Code official] CODE OFFICIAL" is deleted and  
2635 replaced with the following:

2636 "CODE OFFICIAL. The officer or other designated authority having jurisdiction (AHJ)  
2637 charged with the administration and enforcement of this code."

2638 (4) In IEBC, Section 202, the definition for "[Existing buildings] EXISTING BUILDINGS" is  
2639 deleted and replaced with the following:

2640 "EXISTING BUILDING. A building that is not a dangerous building and that was  
2641 either lawfully erected under a prior adopted code, or deemed a legal non-conforming building  
2642 by the code official."

2643 (5) In IEBC, Section 302.3, the following is added after the words "code official" in the last  
2644 sentence:

2645 "or independent third-party licensed engineer or architect and submitted to the  
2646 building official."

2647 (6) In IEBC, Section 301.3, the exception is deleted.

2648 (7) In IEBC, Section 503.5, the following is added after the words "BSE-1E earthquake  
2649 hazard level" in the last sentence:

2650 "and using an objective of Life Safety Nonstructural Performance with the BSE-2E  
2651 earthquake hazard level."

2652 [(7)] (8) IEBC, Section 503.6 is deleted and replaced with the following:

2653 "503.6 Bracing for unreinforced masonry parapets and other appendages upon reroofing.

2654 Where the intended alteration requires a permit for reroofing and involves removal of  
2655 roofing materials from more than 25% of the roof area of a building assigned to Seismic  
2656 Design Category D, E, or F that has parapets constructed of unreinforced masonry or  
2657 appendages such as cornices, spires, towers, tanks, signs, statuary, etc., the work shall include  
2658 installation of bracing to resist out-of-plane seismic forces, unless an evaluation demonstrates  
2659 compliance of such items. Reduced seismic [forces are permitted for design purposes] criteria  
2660 of IEBC, Section 304.3.2 is permitted."

2661 (9) In IEBC, Section 503.11, the following is added after the words "BSE-1E earthquake  
2662 hazard level" in the last sentence:

2663 "and using an objective of Life Safety Nonstructural Performance with the BSE-2E  
2664 earthquake hazard level."

2665 (10) In IEBC, Section 705.2, a new Exception 2 is added as follows:

2666 "(2) Any existing layers of polyisocyanurate insulation shall be permitted to remain  
2667 in place if the roof decking is in serviceable condition and the insulation is not damaged,  
2668 deteriorated or water soaked. All other types of roof insulation and any areas of  
2669 damaged, deteriorated, or water soaked polyisocyanurate insulation are to be removed  
2670 and replaced with new."

2671 [(8)] (11) IEBC, Section 706.3.1 is deleted and replaced with the following:

2672 "706.3.1 Bracing for unreinforced masonry bearing wall parapets and other appendages.

2673 Where a permit is issued for reroofing more than 25 percent of the roof area of a  
2674 building assigned to Seismic Design Category D, E, or F that has parapets constructed of  
2675 unreinforced masonry or appendages such as cornices, spires, towers, tanks, signs, statuary,  
2676 etc., the work shall include installation of bracing to resist the reduced International Building  
2677 Code level seismic forces as specified in [Seetion 303] Section 304.3.2 of this code unless an  
2678 evaluation demonstrates compliance of such items."

2679 (12) In IEBC, Section 906.2, the following is added after the words "BSE-1E earthquake  
2680 hazard level" in the last sentence:

2681 "and using an objective of Life Safety Nonstructural Performance with the BSE-2E  
2682 earthquake hazard level."

2683 (13) In IEBC, Section 906.3, the following is added after the words "BSE-1E earthquake  
2684 hazard level" in the last sentence:

2685 "and using an objective of Life Safety Nonstructural Performance with the BSE-2E  
2686 earthquake hazard level."

2687 [(9)] (14) IEBC, Section 906.6 is deleted and replaced with the following:

2688 "906.6 Bracing for unreinforced masonry parapets and other appendages upon reroofing.

2689 Where the intended alteration requires a permit for reroofing and involves removal of  
2690 roofing materials from more than 25% of the roof area of a building assigned to Seismic  
2691 Design Category D, E, or F that has parapets constructed of unreinforced masonry or  
2692 appendages such as cornices, spires, towers, tanks, signs, statuary, etc., the work shall include  
2693 installation of bracing to resist out-of-plane seismic forces, unless an evaluation demonstrates  
2694 compliance with such items. Reduced seismic [forees are permitted for design purposes]  
2695 criteria of IEBC, Section 304.3.2, is permitted."

2696 [(10)] (15)(a) [Seetion 1006.3 is deleted and replaeed with the following:

2697 "1006.3 Seismic loads. Where a change of occupancy results in a building being  
2698 assigned to a higher risk category, or when a change of occupancy results in a design occupant

2699 load increase of 100% or more, the building shall satisfy the requirements of Section 1613 of  
2700 the International Building Code using full seismic forces."] In IEBC, Section 1006.3, Seismic  
2701 Loads, the following is added after the words "higher risk category" in the first sentence:  
2702 "or when a change of occupancy results in a design occupant load increase of 100% or  
2703 more."

2704 (b) In IEBC, Section 1006.3, [exceptions] Exceptions 1 through 4 remain unchanged.

2705 (c) In IEBC, Section 1006.3, add a new [exception] Exception 5 as follows:

2706 "5. Where the design occupant load increase is less than 25 occupants and the occupancy  
2707 category does not change."

2708 [(14)] (16) In IEBC, Section 1011.7.3, [exception] Exception 2 is deleted.

2709 Section 25. Section **15A-3-1001** is amended to read:

2710 **15A-3-1001 (Effective 07/01/26). General provisions.**

2711 (1) In ISPSC, Section 202, the following definition is added for private residential  
2712 swimming pool:

2713 "PRIVATE RESIDENTIAL SWIMMING POOL (Residential Pool). A swimming  
2714 pool, spa pool, or wading pool used only by an individual, family, or living unit  
2715 members and guests, but not serving any type of multiple unit housing complex of four  
2716 or more living units."

2717 (2) In ISPSC, Section 202, the definition for Residential Swimming Pool (Residential Pool)  
2718 is deleted and replaced with the following:

2719 "See the definition for Private Residential Swimming Pool (Residential Pool)."

2720 (3) In ISPSC, Section 306.3, in the first sentence, the words "or private residential pools"  
2721 are added after the word "pools" and the last sentence is deleted.

2722 [(3)] (4) In ISPSC, [Section 320.1] Section 321.1, the following changes are made:

2723 (a) the words "or storm" are deleted;

2724 (b) the words "onsite waste water" are added before the word "disposal"; and

2725 (c) the words "or shall be disposed of by other means approved by the state or local  
2726 authority" are deleted.

2727 (5) In ISPSC, Section 326.1, the following words are added after the word "indoor":  
2728 "residential or."

2729 (6) In ISPSC, a new Section 326.2 is added as follows:

2730 "326.2 Recirculation of Air. Supply air to residential or public pool and spa and  
2731 associated deck areas shall not be recirculated unless such air is dehumidified to  
2732 maintain the relative humidity of the area at 60% or less. Air from this area shall not be

2733 recirculated to other spaces where more than 10% of the resulting supply airstream  
 2734 consists of air recirculated from these spaces. The design and installation of ventilation  
 2735 systems shall comply with ANSI/ACCA 10 Manual SPS.

2736 (7) In Chapter 11, the following reference standard is added:

2737	<u>Standard Reference Number</u>	<u>Title</u>	<u>Referenced in Code</u> <u>Section Number</u>
2738	<u>ANSI/ACCA 10</u> <u>Manual SPS - 2023</u>	<u>HVAC Design for Swimming</u> <u>Pools and Spas, Publisher:</u> <u>Air Conditioning Contractors of America (ACCA)</u> <u>2800 Shirlington Road, Ste</u> <u>300, Arlington, VA 22206</u>	<u>Section 326.2</u>

2739 Section 26. Section **15A-6-102** is amended to read:

**15A-6-102 (Effective 07/01/26). Nitrogen Oxide emission limits for natural gas-fired water heaters.**

(1) As used in this section:

- (a) "BTU" means British Thermal Unit.
- (b)(i) "Heat input" means the heat of combustion released by fuel burned in a water heater based on the heating value of the fuel.
- (ii) "Heat input" does not include the enthalpy of a water heater's incoming combustion air.
- (c) "Heat output" means the enthalpy of a water heater's working fluid output.
- (d) "Natural gas-fired water heater" means a device that heats water:
  - (i) using natural gas combustion;
  - (ii) for use external to the device at a pressure that is less than or equal to 160 pounds per square inch gage; and
  - (iii) to a thermostatically controlled temperature less than or equal to:
    - (A) 210 degrees Fahrenheit; or
    - (B) 99 degrees Celsius.
- (e) "Ozone nonattainment area" means an area that does not meet the primary or secondary air quality standards for ozone under the National Ambient Air Quality Standards described in 42 U.S.C. Sec. 7407(d).
- (f) "PM2.5 nonattainment area" means an area that does not meet the primary or secondary air quality standards for fine particulate matter, PM2.5, under the National

## Ambient Air Quality Standards described in 42 U.S.C. Sec. 7407(d).

[e)] (g) "ppm" means parts of Nitrogen Oxide per million parts of water heater air output.

[(f)] (h) "Recreational vehicle" means the same as that term is defined in Section 13-14-102.

(2) [On and after July 1, 2018, a] A person may not sell or install a natural gas-fired water heater with an emission rate greater than the following limits:

(a) except as provided in Subsection (6), for a water heater that has a heat input of less than or equal to 75,000 BTU per hour that is not installed in a mobile home, a limit of:

- (i) 10 nanograms per Joule of heat output; or
- (ii) 15 ppm, corrected to 3% oxygen;

(b) for a water heater that has a heat input of greater than 75,000 BTU per hour and less than 2,000,000 BTU per hour that is not installed in a mobile home, a limit of:

- (i) 14 nanograms per Joule of heat output; or
- (ii) 20 nanograms per Joule of heat output.

(b) from standard installed in a mobile unit, a distance of

- (i) 40 nanograms per Joule of heat output; or
- (ii) 55 ppm, corrected to 3% oxygen;

(d) for a pool or spa water heater with a heat input that is less than or equal to 400,000 BTU per hour, a limit of:

- (i) 40 nanograms per Joule of heat output; or
- (ii) 55 ppm, corrected to 3% oxygen; and

(e) for a pool or spa water heater with a heat input of greater than 400,000 BTU per hour and less than 2,000,000 BTU per hour, a limit of:

- (i) 14 nanograms per Joule of heat output; or
- (ii) 20 ppm, corrected to 3% oxygen.

(3) A water heater manufacturer shall use California South Coast Air Quality Management District Method 100.1 to calculate the emissions rate of a water heater subject to this section.

(4) A water heater manufacturer shall display on a water heater subject to this section, as a permanent label, the model number and the Nitrogen Oxide emission rate of the water heater.

(5) The requirements of this section do not apply to:

- (a) a water heater using a fuel other than natural gas;
- (b) a water heater used in a recreational vehicle;

2795 (c) a water heater manufactured in the state for sale and shipment outside of the state;[-or]  
2796 (d) a water heater manufactured before July 1, 2018[.] ; or  
2797 (e) a water heater intended for installation in an area of Utah that is not included in an  
2798 ozone nonattainment area or a PM2.5 nonattainment area.

2799 (6) A person may sell or install a natural gas-fired water heater with an emission rate  
2800 greater than the limits established in Subsection (2)(a) if:  
2801 (a) the water heater is replacing a water heater of equal BTUs per hour;  
2802 (b) there is not available for purchase in the United States a water heater that:  
2803 (i) has an input of equal BTUs per hour as the water heater being replaced; and  
2804 (ii) meets the limits established in Subsection (2)(a); and  
2805 (c) the purpose of the water heater is to heat water and provide space heating.

2806 **Section 27. Effective Date.**

2807 (1) Except as provided in Subsection (2), this bill takes effect July 1, 2026.  
2808 (2)(a) The actions affecting sections described in Subsection (2)(b) take effect:  
2809 (i) except as provided in Subsection (2)(a)(ii), May 6, 2026; or  
2810 (ii) if approved by two-thirds of all members elected to each house:  
2811 (A) upon approval by the governor;  
2812 (B) without the governor's signature, the day following the constitutional time  
2813 limit of Utah Constitution, Article VII, Section 8; or  
2814 (C) in the case of a veto, the date of veto override.  
2815 (b) Subsection (2)(a) applies to the actions affecting the following sections:  
2816 (i) Section 15A-3-107 (Effective upon governor's approval); and  
2817 (ii) Section 15A-3-108 (Effective upon governor's approval).