

1 **STATE FIRE CODE ACT AMENDMENTS**

2 2013 GENERAL SESSION

3 STATE OF UTAH

4

5 **LONG TITLE**

6 **General Description:**

7 This bill amends the State Fire Code Act.

8 **Highlighted Provisions:**

9 This bill:

- 10 ▶ updates the edition of nationally recognized codes that are incorporated by
- 11 reference;
- 12 ▶ amends provisions related to certain group care facilities and ambulatory surgical
- 13 facilities;
- 14 ▶ requires evacuation fire drills for secondary schools;
- 15 ▶ modifies requirements regarding pump and riser rooms;
- 16 ▶ modifies requirements regarding the installation of automatic sprinkler systems; and
- 17 ▶ makes technical changes.

18 **Money Appropriated in this Bill:**

19 None

20 **Other Special Clauses:**

21 This bill takes effect on July 1, 2013.

22 **Utah Code Sections Affected:**

23 AMENDS:

- 24 **15A-5-103**, as enacted by Laws of Utah 2011, Chapter 14
- 25 **15A-5-202**, as last amended by Laws of Utah 2012, Chapter 148
- 26 **15A-5-203**, as enacted by Laws of Utah 2011, Chapter 14
- 27 **15A-5-204**, as last amended by Laws of Utah 2012, Chapter 148
- 28 **15A-5-205**, as enacted by Laws of Utah 2011, Chapter 14
- 29 **15A-5-205.5**, Utah Code Annotated 1953
- 30 **15A-5-206**, as enacted by Laws of Utah 2011, Chapter 14
- 31 **15A-5-207**, as enacted by Laws of Utah 2011, Chapter 14
- 32 **15A-5-302**, as enacted by Laws of Utah 2011, Chapter 14

33 **15A-5-401**, as enacted by Laws of Utah 2011, Chapter 14

34 ENACTS:

35 **15A-5-202.5**, Utah Code Annotated 1953

36

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

38 Section 1. Section **15A-5-103** is amended to read:

39 **15A-5-103. Nationally recognized codes incorporated by reference.**

40 The following codes are incorporated by reference into the State Fire Code:

41 (1) the International Fire Code, [~~2009~~] 2012 edition, excluding appendices, as issued
42 by the International Code Council, Inc., except as amended by Part 2, Statewide Amendments
43 and Additions to IFC Incorporated as Part of State Fire Code;

44 (2) National Fire Protection Association, NFPA 96, Standard for Ventilation Control
45 and Fire Protection of Commercial Cooking Operations, [~~2008~~] 2011 edition, except as
46 amended by Part 3, Statewide Amendments and Additions to NFPA Incorporated as Part of
47 State Fire Code; and

48 (3) National Fire Protection Association, NFPA 1403, Standard on Live Fire Training
49 Evolutions, [~~2007~~] 2012 edition, except as amended by Part 3, Statewide Amendments and
50 Additions to NFPA Incorporated as Part of State Fire Code.

51 Section 2. Section **15A-5-202** is amended to read:

52 **15A-5-202. Amendments and additions to IFC related to administration, permits,**
53 **definitions, general, and emergency planning.**

54 (1) For IFC, Chapter 1, Scope and Administration:

55 (a) IFC, Chapter 1, Section 105.6.16, Flammable and combustible liquids, is amended
56 to add the following section: "12. The owner of an underground tank that is out of service for
57 longer than one year shall receive a Temporary Closure Notice from the Department of
58 Environmental Quality and a copy shall be given to the AHJ."

59 (b) IFC, Chapter 1, Section [~~109.2~~] 109.3, Notice of violation, is amended as follows:
60 On line three, after the words "is in violation of this code," insert in the section the phrase "or
61 other pertinent laws or ordinances".

62 (2) For IFC, Chapter 2, Definitions:

63 (a) IFC, Chapter 2, Section 202, General Definitions, the following definition is added

64 for Ambulatory Surgical Center: "AMBULATORY SURGICAL CENTER. A building or
65 portion of a building licensed by the Utah Department of Health where procedures are
66 performed that may render patients incapable of self preservation where care is less than 24
67 hours."

68 (b) IFC, Chapter 2, Section 202, General Definitions, FOSTER CARE FACILITIES is
69 amended as follows: the word "Foster" is changed to the word "Child."

70 [(a)] (c) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
71 Educational Group E, Day care facilities, is amended as follows: On line three delete the word
72 "five" and replace it with the word "four". On line four after the word "supervision" add the
73 words "child care centers."

74 (d) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
75 Educational Group E, Five or fewer children is amended as follows: On line one the word
76 "five" is deleted and replaced with the word "four" in both places.

77 (e) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
78 Educational Group E, Five or fewer children in a dwelling unit, the word "five" is deleted and
79 replaced with the word "four" in both places.

80 (f) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
81 Educational Group E, a new section is added as follows: "Child Day Care -- Residential
82 Certificate or a Family License. Areas used for child day care purposes with a Residential
83 Certificate R430-50 or a Family License, as defined in Utah Administrative Code, R430-90,
84 Licensed Family Child Care, may be located in a Group R-2 or R-3 occupancy as provided in
85 Residential Group R-3, or shall comply with the International Residential Code in accordance
86 with Section R101.2."

87 (g) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
88 Educational Group E, a new section is added as follows: "Child Care Centers. Areas used for
89 Hourly Child Care Centers, as defined in Utah Administrative Code, R430-60, Child Care
90 Center as defined in Utah Administrative Code, R430-100, or Out of School Time Programs,
91 as defined in Utah Administrative Code, R430-70, may be classified as accessory
92 occupancies."

93 [(b)] (h) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
94 Institutional Group I, Group I-1, is amended as follows: On line 10 add "Type I" in front of the

95 words "Assisted living facilities".

96 (i) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
 97 Institutional Group I, Five or fewer persons receiving care is amended as follows: On line four
 98 after "International Residential Code" the rest of the section is deleted.

99 ~~(e)~~ (j) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
 100 Institutional Group I, Group I-2, is amended as follows:

101 (i) On line three delete the word ["for"] "five" and insert the [following into the
 102 sentence "on a 24-hour basis of more than three"] word "three".

103 (ii) On line six the word "foster" is deleted and replaced with the word "child".

104 ~~(ii)~~ (iii) On line 10, after the words ["Nursing homes"] "Psychiatric hospitals", add
 105 the following to the list: "both intermediate nursing care and skilled nursing care facilities,
 106 ambulatory surgical centers with five or more operating rooms where care is less than 24 hours,
 107 and Type II assisted living facilities. Type II assisted living facilities with five or fewer persons
 108 shall be classified as a Group R-4. Type II assisted living facilities with at least six and not
 109 more than 16 residents shall be classified as a Group I-1 facility".

110 ~~(d)~~ (k) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
 111 Institutional Group I, Group I-4, Day care facilities, [~~Child care facility~~] Classification as
 112 Group E, is amended as follows:

113 (i) On line [~~three~~] two delete the word "five" and replace it with the word "four".

114 ~~(ii) On line two of the exception delete the word "five" and replace it with the word~~
 115 ~~"four".]~~

116 (ii) On line three delete the words "2 1/2 years or less of age" and replace with the
 117 words "under the age of two"

118 (l) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
 119 Institutional Group Care I, Group I-4, Day care facilities, Five or fewer occupants receiving
 120 care in a dwelling unit, is amended as follows: On lines one and two the word "five" is deleted
 121 and replaced with the word "four".

122 ~~(e)~~ (m) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
 123 Residential [~~Group R, R-2, is amended to add the following: "Exception: Boarding houses~~
 124 ~~accommodating 10 persons or less shall be classified as Residential Group R-3."~~] Group R-3,
 125 the words "and single family dwellings complying with the IRC" are added after the word

126 "Residential occupancies".

127 [~~(3) For IFC, General Requirements:~~]

128 [~~(a) IFC, Chapter 3, Section 304.1.2, Vegetation, is amended as follows: Delete line six~~
129 ~~and replace it with: "the Utah Administrative Code, R652-122-200, Minimum Standards for~~
130 ~~Wildland Fire Ordinance".]~~

131 [~~(b) IFC, Chapter 3, Section 310.8, Hazardous Environmental Conditions, is deleted~~
132 ~~and rewritten as follows: "When the fire code official determines that hazardous environmental~~
133 ~~conditions necessitate controlled use of any ignition source, including fireworks, lighters,~~
134 ~~matches, and smoking materials, the ignition or use of the source in mountainous,~~
135 ~~brush-covered, or forest-covered areas is prohibited except in approved areas as allowed by the~~
136 ~~AHJ."]~~

137 [~~(c) IFC, Chapter 3, Section 311.1.1, Abandoned premises, is amended as follows: On~~
138 ~~line 10 delete the words "International Property Maintenance Code and the".]~~

139 [~~(d) IFC, Chapter 3, Section 311.5, Placards, is amended as follows: On line three~~
140 ~~delete the word "shall" and replace it with the word "may".]~~

141 [~~(e) IFC, Chapter 3, Section 315.2.1, Ceiling clearance, is amended to add the~~
142 ~~following: "Exception: Where storage is not directly below the sprinkler heads, storage is~~
143 ~~allowed to be placed to the ceiling on wall-mounted shelves that are protected by fire sprinkler~~
144 ~~heads in occupancies meeting classification as light or ordinary hazard."]~~

145 (n) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
146 Residential Group R-3, Care facilities within a dwelling, is amended as follows: On line three
147 after the word "dwelling" insert "other than child care".

148 (o) IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification,
149 Residential Group R-3, a new section is added as follows: "Child Care. Areas used for child
150 care purposes may be located in a residential dwelling unit when all of the following conditions
151 are met:

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

154 2. Use is approved by the Utah Department of Health under the authority of the Utah
155 Code, Title 26, Chapter 39, Utah Child Care Licensing Act, and in any of the following
156 categories:

157 1.1. Utah Administrative Code, R430-50, Residential Certificate Child Care; or
158 1.2. Utah Administrative Code, R430-90, Licensed family Child Care; and
159 3. Compliance with all zoning regulations of the local regulator."

160 (p) IFC, Chapter 2, Section 202, General Definitions, RECORD DRAWINGS, the
161 definition for "RECORD DRAWINGS" is modified by deleting the words "a fire alarm
162 system" and replacing them with "any fire protection system".

163 Section 3. Section **15A-5-202.5** is enacted to read:

164 **15A-5-202.5. Amendments and additions to Chapters 3 and 4 of IFC.**

165 (1) For IFC, Chapter 3, General Requirements:

166 (a) IFC, Chapter 3, Section 304.1.2, Vegetation, is amended as follows: Delete line six
167 and replace it with: "the Utah Administrative Code, R652-122-200, Minimum Standards for
168 Wildland Fire Ordinance".

169 (b) IFC, Chapter 3, Section 308.1.2, Throwing or placing sources of ignition, is
170 amended as follows: On line three after the word "matches" add the words "fireworks, lighters,
171 sky lanterns".

172 (c) IFC, Chapter 3, Section 310.8, Hazardous Environmental Conditions, is deleted and
173 rewritten as follows: "When the fire code official determines that hazardous environmental
174 conditions necessitate controlled use of any ignition source, including fireworks, lighters,
175 matches, and smoking materials, the ignition or use of the source in mountainous,
176 brush-covered, or forest-covered areas is prohibited except in approved areas as allowed by the
177 AHJ."

178 (d) IFC, Chapter 3, Section 311.1.1, Abandoned premises, is amended as follows: On
179 line 10 delete the words "International Property Maintenance Code and the".

180 (e) IFC, Chapter 3, Section 311.5, Placards, is amended as follows: On line three delete
181 the word "shall" and replace it with the word "may".

182 (f) IFC, Chapter 3, Section 315.2.1, Ceiling clearance, is amended to add the
183 following: "Exception: Where storage is not directly below the sprinkler heads, storage is
184 allowed to be placed to the ceiling on wall-mounted shelves that are protected by fire sprinkler
185 heads in occupancies meeting classification as light or ordinary hazard."

186 (2) IFC, Chapter 4, Emergency Planning and Preparedness:

187 (a) IFC, Chapter 4, Section 404.2, Where required, Subsection 8, is amended as

188 follows: After the word "buildings" add "to include sororities and fraternity houses".

189 (b) IFC, Chapter 4, Section 405.2, Table 405.2, is amended to add the following
190 footnotes:

191 (i) "e. Secondary schools in Group E occupancies shall have an emergency evacuation
192 drill for fire conducted at least every two months, to a total of four emergency evacuation drills
193 during the nine-month school year. The first emergency evacuation drill for fire shall be
194 conducted within 10 school days after the beginning of classes, and the third emergency
195 evacuation drill for fire shall be conducted 10 school days after the beginning of the next
196 calendar year. The second and fourth emergency evacuation drills may be substituted by a
197 security or safety drill to include shelter in place, earthquake drill, or lock down for violence".

198 (ii) "f. In Group E occupancies, excluding secondary schools, if the AHJ approves, the
199 monthly required emergency evacuation drill can be substituted by a security or safety drill to
200 include shelter in place, earthquake drill, or lock down for violence. The routine emergency
201 evacuation drill for fire must be conducted at least every other evacuation drill."

202 (iii) "g. A-3 occupancies in academic buildings of institutions of higher learning are
203 required to have one emergency evacuation drill per year, provided the following conditions are
204 met:

205 (A) The building has a fire alarm system in accordance with Section 907.2.

206 (B) The rooms classified as assembly shall have fire safety floor plans as required in
207 Section 404.3.2(4) posted.

208 (C) The building is not classified a high-rise building.

209 (D) The building does not contain hazardous materials over the allowable quantities by
210 code."

211 Section 4. Section **15A-5-203** is amended to read:

212 **15A-5-203. Amendments and additions to IFC related to fire safety, building, and**
213 **site requirements.**

214 ~~[(1) For IFC, Emergency Planning and Preparedness:]~~

215 ~~[(a) IFC, Chapter 4, Section 404.2, Where required, Subsection 8, is amended as~~
216 ~~follows: After the word "buildings" add "to include sororities and fraternity houses".]~~

217 ~~[(b) IFC, Chapter 4, Section 405.2, Table 405.2, is amended to add the following~~
218 ~~footnotes:]~~

219 ~~[(i) "e. Secondary schools in Group E occupancies shall have an emergency evacuation~~
220 ~~drill conducted at least every two months, to a total of four emergency evacuation drills during~~
221 ~~the nine-month school year. The first emergency evacuation drill shall be conducted within 10~~
222 ~~school days of the beginning of classes."]~~

223 ~~[(ii) "f. In Group E occupancies, excluding secondary schools, if the AHJ approves,~~
224 ~~the monthly required emergency evacuation drill can be substituted by a security or safety drill~~
225 ~~to include shelter in place, earthquake drill, or lock down for violence. The routine emergency~~
226 ~~evacuation drill for fire must be conducted at least every other evacuation drill."]~~

227 ~~[(iii) "g. A-3 occupancies in academic buildings of institutions of higher learning are~~
228 ~~required to have one emergency evacuation drill per year, provided the following conditions are~~
229 ~~met:]~~

230 ~~[(A) The building has a fire alarm system in accordance with Section 907.2.]~~

231 ~~[(B) The rooms classified as assembly shall have fire safety floor plans as required in~~
232 ~~Section 404.3.2(4) posted.]~~

233 ~~[(C) The building is not classified a high-rise building.]~~

234 ~~[(D) The building does not contain hazardous materials over the allowable quantities~~
235 ~~by code."]~~

236 ~~[(2)] (1) For IFC, Chapter 5, Fire Service Features:~~

237 (a) In IFC, Chapter 5, a new Section 501.5, Access grade and fire flow, is added as
238 follows: "An authority having jurisdiction over a structure built in accordance with the
239 requirements of the International Residential Code as adopted in the State Construction Code,
240 may require an automatic fire sprinkler system for the structure only by ordinance and only if
241 any of the following conditions exist:

242 (i) the structure:

243 (A) is located in an urban-wildland interface area as provided in the Utah Wildland
244 Urban Interface Code adopted as a construction code under the State Construction Code; and

245 (B) does not meet the requirements described in Utah Code, Subsection
246 65A-8-203(3)(a) and Utah Administrative Code, R652-122-200, Minimum Standards for
247 Wildland Fire Ordinance;

248 (ii) the structure is in an area where a public water distribution system with fire
249 hydrants does not exist as required in Utah Administrative Code, R309-550-5, Water Main

250 Design;

251 (iii) the only fire apparatus access road has a grade greater than 10% for more than 500
252 continual feet; or

253 (iv) (A) the water supply to the structure does not provide at least 500 gallons fire flow
254 per minute for a minimum of 30 minutes, if the total square foot living space of the structure is
255 equal to or less than 5,000 square feet;

256 (B) the water supply to the structure does not provide at least 750 gallons per minute
257 fire flow for a minimum of 30 minutes, if the total square foot living space exceeds 5,000
258 square feet, but is equal to or less than 10,000 square feet; or

259 (C) the water supply to the structure does not provide at least 1,000 gallons per minute
260 fire flow for a minimum of 30 minutes, if the total square foot living space exceeds 10,000
261 square feet."

262 (b) In IFC, Chapter 5, a new Section 507.1.1, Isolated one- and two-family dwellings,
263 is added as follows: "Fire flow may be reduced for an isolated one- and two-family dwelling
264 when the authority having jurisdiction over the dwelling determines that the development of a
265 full fire-flow requirement is impractical."

266 (c) In IFC, Chapter 5, a new Section 507.1.2, Pre-existing subdivision lots, is added as
267 follows "Total water supply requirements shall not exceed the fire flows described in Section
268 501.5(iv) for the largest one- or two-family dwelling, protected by an automatic fire sprinkler
269 system, on a subdivision lot platted before December 31, 1980, unless the municipality or
270 county in which the lot is located provides the required fire flow capacity."

271 (d) IFC, Chapter 5, Section 507.4, Water supply test, is deleted and replaced as
272 follows: "507.4 Water supply test. The fire code official shall be notified prior to the water
273 supply test. Water supply tests shall be witnessed by the fire code official or approved
274 documentation of the test shall be provided to the fire code official prior to final approval of
275 the water supply system."

276 ~~(3)~~ (2) For IFC, Chapter 6, Building Services and Systems:

277 (a) IFC, Chapter 6, Section 607.4, Elevator ~~[keys]~~ key location, is deleted and rewritten
278 as follows: "Firefighter service keys shall be kept in a "Supra-Stor-a-key" elevator key box or
279 similar box with corresponding key system that is adjacent to the elevator for immediate use by
280 the fire department. The key box shall contain one key for each elevator, one key for lobby

281 control, and any other keys necessary for emergency service. The elevator key box shall be
282 accessed using a 6049 numbered key. All existing elevator key box locks that do not use the
283 numbered 6049 key shall be changed to the 6049 key by December 31, 2011."

284 (b) IFC, Chapter 6, Section 609.1, General, is amended as follows: On line three, after
285 the word "Code", add the words "and NFPA 96".

286 ~~[(4)]~~ (3) For IFC, Chapter 7, Fire-Resistance-Rated Construction, IFC, Chapter 7,
287 Section 703.2, is amended to add the following: "Exception: In Group E Occupancies, where
288 the corridor serves an occupant load greater than 30 and the building does not have an
289 automatic fire sprinkler system installed, the door closers may be of the friction hold-open type
290 on classrooms' doors with a rating of 20 minutes or less only."

291 Section 5. Section **15A-5-204** is amended to read:

292 **15A-5-204. Amendments and additions to IFC related to fire protection systems.**

293 For IFC, Fire Protection Systems:

294 (1) IFC, Chapter 9, Section 901.2, Construction documents, is amended to add the
295 following at the end of the section: "The code official has the authority to request record
296 drawings ("as built") to verify any modifications to the previously approved construction
297 documents."

298 ~~[(2) IFC, Chapter 9, Section 902.1, Definitions, RECORD DRAWINGS, is deleted and
299 rewritten as follows: "Drawings ("as built") that document all aspects of a fire protection
300 system as installed."]~~

301 (2) IFC, Chapter 9, Section 901.4.6, Pump and riser room size is deleted and replaced
302 with the following: "Pump and riser room size. Fire pump and automatic sprinkler system riser
303 rooms shall be designed with adequate space for all installed equipment necessary for the
304 installation and to provide sufficient working space around the stationary equipment.
305 Clearances around equipment shall be in accordance with manufacturer requirements and not
306 less than the following minimum elements:

307 901.4.6.1 A minimum clear and unobstructed distance of 12 inches shall be
308 provided from the installed equipment to the elements of permanent construction.

309 901.4.6.2 A minimum clear and unobstructed distance of 12 inches shall be
310 provided between all other installed equipment and appliances.

311 901.4.6.3 A clear and unobstructed width of 36 inches shall be provided in front of

312 all installed equipment and appliances, to allow for inspection, service, repair or replacement
313 without removing such elements of permanent construction or disabling the function of a
314 required fire-resistance-rated assembly.

315 901.4.6.4 Automatic sprinkler system riser rooms shall be provided with a clear
316 and unobstructed passageway to the riser room of not less than 36-inches, and openings into
317 the room shall be clear and unobstructed, with doors swinging in the outward direction from
318 the room and the opening providing a clear width of not less than 34-inches and a clear height
319 of the door opening shall not be less than 80 inches.

320 901.4.6.5 Fire pump rooms shall be provided with a clear and unobstructed
321 passageway to the fire pump room of not less than 72-inches, and openings into the room shall
322 be clear, unobstructed and large enough to allow for the removal of the largest piece of
323 equipment, with doors swinging in the outward direction from the room and the opening
324 providing a clear width of not less than 68-inches and a clear height of the door opening shall
325 not be less than 80 inches."

326 (3) IFC, Chapter 9, Section 903.2.1.2, Group A-2, is amended to add the following
327 subsection: "4. An automatic fire sprinkler system shall be provided throughout Group A-2
328 occupancies where indoor pyrotechnics are used."

329 (4) IFC, Chapter 9, Section 903.2.2, [~~Group B-ambulatory~~] Ambulatory health care
330 facilities, is amended as follows: On line [~~three~~] two delete the words "all fire areas floor" and
331 replace with the word "buildings" and delete the last paragraph.

332 (5) IFC, Chapter 9, Section 903.2.4, Group F-1, Subsection 2, is deleted and rewritten
333 as follows: "A Group F-1 fire area is located more than three stories above the lowest level of
334 fire department vehicle access."

335 (6) IFC, Chapter 9, Section 903.2.7, Group M, Subsection 2, is deleted and rewritten as
336 follows: "A Group M fire area is located more than three stories above the lowest level of fire
337 department vehicle access."

338 (7) IFC, Chapter 9, Section 903.2.8 Group R, is amended to add the following:
339 "Exception: Detached one- and two-family dwellings and multiple single-family dwellings
340 (townhouses) constructed in accordance with the International Residential Code for one- and
341 two-family dwellings."

342 (8) IFC, Chapter 9, Section 903.2.8, Group R, is amended to add a second exception as

343 follows: "Exception: Group R-4 fire areas not more than 4,500 gross square feet and not
344 containing more than 16 residents, provided the building is equipped throughout with an
345 approved fire alarm system that is interconnected and receives its primary power from the
346 building wiring and a commercial power system."

347 (9) IFC, Chapter 9, Section 903.2.9, Group S-1, Subsection 2, is deleted and rewritten
348 as follows: "A Group S-1 fire area is located more than three stories above the lowest level of
349 fire department vehicle access."

350 ~~[(10) (a) IFC, Chapter 9, Section 903.2.10, Group S-2 enclosed parking garages, is~~
351 ~~deleted and rewritten as follows: "An automatic sprinkler system shall be provided throughout~~
352 ~~buildings classified as parking garages in accordance with Section 406.2 of the International~~
353 ~~Building Code or where located beneath other groups."]~~

354 ~~[(b) IFC, Chapter 9, Section 903.2.10, Group S-2 enclosed parking garages, the~~
355 ~~exception is deleted and rewritten as follows: "Exception: Parking garages of less than 5,000~~
356 ~~square feet (464m²) accessory to Group R-3 occupancies."]~~

357 ~~[(c) IFC, Chapter 9, Section 903.2.10, Group S-2 enclosed parking garages, is amended~~
358 ~~to add a second exception, as follows: "Exception: Open parking garages not located beneath~~
359 ~~other groups if one of the following conditions are met:]~~

360 ~~[1. Access is provided for fire fighting operations to within 150 feet (45,720mm) of all~~
361 ~~portions of the parking garage as measured from the approved fire department vehicle access,~~
362 ~~or]~~

363 ~~[2. Class I standpipes are installed throughout the parking garage."]~~

364 ~~[(11) IFC, Chapter 9, Section 903.2.10.1, Commercial parking garages, is deleted and~~
365 ~~rewritten as follows: "An automatic sprinkler system shall be provided throughout buildings~~
366 ~~used for storage of commercial trucks or buses."]~~

367 ~~[(12)]~~ (10) IFC, Chapter 9, Section 903.3.1.1 is amended by adding the following
368 subsection: "903.3.1.1.2 Antifreeze Limitations. Antifreeze used in a new automatic sprinkler
369 system installed in accordance with NFPA 13 may not exceed a maximum concentration of
370 38% premixed propylene glycol or 48% premixed glycerin, and the capacity of the system may
371 not exceed 150 gallons."

372 ~~[(13)]~~ (11) IFC, Chapter 9, Section 903.3.1.2 is amended by adding the following
373 subsection: "903.3.1.2.2 Antifreeze Limitations. Antifreeze used in a new automatic sprinkler

374 system installed in accordance with NFPA 13R may not exceed a maximum concentration of
375 38% premixed propylene glycol or 48% premixed glycerin, and the capacity of the system may
376 not exceed 150 gallons."

377 ~~[(14)]~~ (12) IFC, Chapter 9, Section 903.3.1.3 is amended by adding the following
378 subsection: "903.3.1.3.1 Antifreeze Limitations. Antifreeze used in a new automatic sprinkler
379 system installed in accordance with NFPA 13D may not exceed a maximum concentration of
380 38% premixed propylene glycol or 48% premixed glycerin, and the capacity of the system may
381 not exceed 150 gallons."

382 ~~[(15)]~~ (13) IFC, Chapter 9, Section 903.3.5, Water supplies, is amended as follows: On
383 line six, after the word "Code", add "and as amended in Utah's State Construction Code".

384 ~~[(16)]~~ (14) IFC, Chapter 9, Section 903.5 is amended to add the following subsection:
385 "903.5.1 Tag and Information. A tag shall be attached to the riser indicating the date the
386 antifreeze solution was tested. The tag shall also indicate the type and concentration of
387 antifreeze solution by volume with which the system is filled, the name of the contractor that
388 tested the antifreeze solution, the contractor's license number, and a warning to test the
389 concentration of the antifreeze solutions at yearly intervals."

390 ~~[(17) IFC, Chapter 9, Section 903.6, Existing Buildings, and Chapter 46, Section~~
391 ~~4603.4, Sprinkler systems, are amended to add the following subsection to each section:~~
392 ~~"903.6.3 Group A-2 and 4603.4.3 Group A-2. An automatic fire sprinkler system shall be~~
393 ~~provided throughout existing Group A-2 occupancies where indoor pyrotechnics are used."]~~

394 ~~[(18)]~~ (15) IFC, Chapter 9, Section 904.11, Commercial cooking systems, is deleted
395 and rewritten as follows: "The automatic fire extinguishing system for commercial cooking
396 systems shall be of a type recognized for protection of commercial cooking equipment and
397 exhaust systems. Pre-engineered automatic extinguishing systems shall be tested in accordance
398 with UL300 and listed and labeled for the intended application. The system shall be installed
399 in accordance with this code, its listing and the manufacturer's installation instructions. The
400 exception in Section 904.11 is not deleted and shall remain as currently written in the IFC."

401 ~~[(19)]~~ (16) IFC, Chapter 9, Section 904.11.3, Carbon dioxide systems, and Section
402 904.11.3.1, Ventilation system, are deleted and rewritten as follows:

403 (a) "Existing automatic fire extinguishing systems used for commercial cooking that
404 use dry chemical are prohibited and shall be removed from service."

405 (b) "Existing wet chemical fire extinguishing systems used for commercial cooking
406 that are not UL300 listed and labeled are prohibited and shall be either removed or upgraded to
407 a UL300 listed and labeled system."

408 ~~[(20)]~~ (17) IFC, Chapter 9, Section 904.11.4, Special provisions for automatic sprinkler
409 systems, is amended to add the following subsection: "904.11.4.2 Existing automatic fire
410 sprinkler systems protecting commercial cooking equipment, hood, and exhaust systems that
411 generate appreciable depth of cooking oils shall be replaced with a UL300 system that is listed
412 and labeled for the intended application."

413 ~~[(21)]~~ (18) IFC, Chapter 9, Section 904.11.6.2, Extinguishing system service, is
414 amended to add the following: "Exception: Automatic fire extinguishing systems located in
415 occupancies where usage is limited and less than six consecutive months may be serviced
416 annually if the annual service is conducted immediately before the period of usage, and
417 approval is received from the AHJ."

418 (19) IFC, Chapter 9, Section 905.3.9 is a new subsection as follows: Open parking
419 garages. Open parking garages shall be equipped with an approved Class I manual standpipe
420 system when fire department access is not provided for firefighting operations to within 150
421 feet of all portions of the open parking garage as measured from the approved fire department
422 vehicle access. Class I manual standpipe shall be accessible throughout the parking garage
423 such that all portions of the parking structure are protected within 150 feet of a hose
424 connection.

425 Exception: Open parking garages equipped throughout with an automatic sprinkler
426 system in accordance with Section 903.3.1.1.

427 (20) IFC, Chapter 9, Section 905.8, Dry standpipes, Exception is deleted and rewritten
428 as follows: Where subject to freezing conditions and approved by the fire code official.

429 ~~[(22)]~~ (21) IFC, Chapter 9, Section 905.11, Existing buildings, and IFC, Chapter 46,
430 Section 4603.5, Standpipes, are deleted.

431 ~~[(23)]~~ IFC, Chapter 9, Section 907.3, Where required in existing buildings and
432 structures, is deleted, and IFC, Chapter 46, Section 4603.6, Fire alarm systems, is deleted and
433 rewritten as follows: "An approved automatic fire detection system shall be installed in
434 accordance with the provisions of this code and NFPA 72. Devices, combinations of devices,
435 appliances, and equipment shall be approved. The automatic fire detectors shall be smoke

436 ~~detectors, except an approved alternative type of detector shall be installed in spaces such as~~
437 ~~boiler rooms where, during normal operation, products of combustion are present in sufficient~~
438 ~~quantity to actuate a smoke detector."]~~

439 (22) IFC, Chapter 9, Section 907.2.3 Group E:

440 (a) The first sentence is deleted and rewritten as follows: "A manual fire alarm system
441 that initiates the occupant notification system in accordance with Section 907.5 and installed in
442 accordance with Section 907.6 shall be installed in Group E occupancies".

443 (b) Exception number 3, on line three, delete the words, "emergency voice/alarm
444 communication system" and replace with "occupant notification system".

445 ~~[(24)] (23) IFC, Chapter 9, [Section 907.9.5, Maintenance, inspection, and testing]~~
446 ~~907.8 Inspection, testing, and maintenance, is amended to add the following sentences at the~~
447 ~~end of the section: "Increases in nuisance alarms shall require the fire alarm system to be tested~~
448 ~~for sensitivity. Fire alarm systems that continue after sensitivity testing with unwarranted~~
449 ~~nuisance alarms shall be replaced as directed by the AHJ."~~

450 ~~[(25) IFC, Chapter 9, Section 907.10, Carbon monoxide alarms, is added as follows:~~

451 ~~"Carbon monoxide alarms shall be installed on each habitable level of a dwelling unit or~~
452 ~~sleeping unit in Groups R-2, R-3, R-4, and I-1 equipped with fuel burning appliances.]~~

453 ~~[901.10.21.1. If more than one carbon monoxide detector is required, they shall be~~
454 ~~interconnected as required in IFC, Chapter 9, Section 907.2.11.3.]~~

455 ~~[901.10.21.2. In new construction, carbon monoxide detectors shall receive their primary~~
456 ~~power as required in IFC, Chapter 9, Section 907.2.11.4.]~~

457 ~~[901.10.21.3. Upon completion of the installation, the carbon monoxide detector system will~~
458 ~~meet the requirements listed in NFPA 720, Installation of Carbon Monoxide Detection and~~
459 ~~Warning Equipment and UL2034, Standard for Single and Multiple Station Carbon Monoxide~~
460 ~~Alarms."]~~

461 (24) IFC, Chapter 9, Section 908.7, Carbon monoxide alarms, is amended as follows:

462 On line four after the word "alarms" insert the following sentence: "A minimum of one carbon
463 monoxide alarm shall be installed on each habitable." The entire Exception is deleted.

464 Section 6. Section **15A-5-205** is amended to read:

465 **15A-5-205. Amendments and additions to IFC related to means of egress and**
466 **special processes and uses.**

467 [For IFC, Means of Egress:]

468 (1) IFC, Chapter 10, Section 1008.1.9.6, Special locking arrangements in Group I-2, is
469 amended as follows:

470 (a) The section title "Special locking arrangements in Group I-2." is rewritten to read
471 "Special locking arrangements in Groups I-1 and I-2."

472 (b) On line three, [after] delete the word "Group", and add the words "Group ["]I-1
473 and".

474 [~~(c) On line two and line four delete the word "delayed" and replace it with the word~~
475 ~~"controlled".]~~

476 [~~(d) Beginning on line 11, the entire sentence that begins with "A building occupant" is~~
477 ~~deleted.~~]

478 [~~(e)~~ (c) After existing Item [6] 7 add Item [7] 8 as follows: [7] "8. The secure area or
479 unit with [~~controlled egress doors~~] special egress locks shall be located at the level of exit
480 discharge in Type V construction."

481 (2) In IFC, Chapter 10, Section 1008.1.9.7, Delayed egress locks, Item 7 is added after
482 the existing Item 6 as follows: "7. The secure area or unit with delayed egress locks shall be
483 located at the level of exit discharge in Type V construction."

484 [~~(3) IFC, Chapter 10, Section 1009.4.2, Riser height and tread depth, is amended as~~
485 ~~follows:~~]

486 [~~(a) On line six of Exception 5 delete "7¾ inches (197mm)" and replace it with "8~~
487 ~~inches".]~~

488 [~~(b) On line seven of Exception 5 delete "10 inches (254mm)" and replace it with "9~~
489 ~~inches".]~~

490 (3) "In IFC, Chapter 10, Section [B] 1009.7.2, Stair treads and risers, exception 5 is
491 deleted and replaced with the following: "5. In Group R-3 occupancies, within dwelling units
492 in Group R-2 occupancies, and in Group U occupancies that are accessory to a Group R-3
493 occupancy, or accessory to individual dwelling units in Group R-2 occupancies, the maximum
494 riser height shall be 8 inches (203 mm) and the minimum tread depth shall be 9 inches (229
495 mm). The minimum winder tread depth at the walk line shall be 10 inches (254 mm), and the
496 minimum winder tread depth shall be 6 inches (152 mm). A nosing not less than 0.75 inch
497 (19.1 mm) but not more than 1.25 inches (32 mm) shall be provided on stairways with solid

498 risers where the tread depth is less than 10 inches (254 mm)."

499 (4) IFC, Chapter 10, Section 1009.12 [B] 1009.15, Handrails, is amended to add the
500 following exception: "6. In occupancies in Group R-3, as applicable in Section [~~101.2~~] 1012
501 and in occupancies in Group U, which are accessory to an occupancy in Group R-3, as
502 applicable in Section [~~101.2~~] 1012, handrails shall be provided on at least one side of stairways
503 consisting of four or more risers."

504 [~~(5) IFC, Chapter 10, Section 1013.2, Height, is amended to add the following~~
505 ~~exception: "5. For occupancies in Group R-3 and within individual dwelling units in~~
506 ~~occupancies in Group R-2, as applicable in Section 101.2, guards shall form a protective barrier~~
507 ~~not less than 36 inches (914mm)."~~]

508 [~~(6) IFC, Chapter 10, Section 1015.2.2, Three or more exits or exit access doorways, is~~
509 ~~amended to add the following sentence at the end of the section: "Additional exits or exit~~
510 ~~access doorways shall be arranged a reasonable distance apart so that if one becomes blocked,~~
511 ~~the others will be available."~~]

512 [~~(7)~~] (5) IFC, Chapter 10, Section 1024, Luminous Egress Path Markings, is deleted.

513 [~~(8)~~] (6) IFC, Chapter 10, Section [~~1030.2, Reliability~~] 1030.2.1, Security devices and
514 egress locks, is amended to add the following: On line [~~six~~] three, after the word "fire", add the
515 words "and building".

516 Section 7. Section **15A-5-205.5** is enacted to read:

517 **15A-5-205.5. Amendments to Chapter 11 of IFC.**

518 (1) In IFC, Chapter 11, section 1103.2 Emergency responder radio coverage in existing
519 buildings, is amended as follows: On line two after the title, the following is added, "When
520 required by the fire code official".

521 (2) IFC, Chapter 11, Section 1103.5, Sprinkler systems, is amended to add the
522 following new subsection: "1103.5.3 Group A-2. An automatic fire sprinkler system shall be
523 provided throughout existing Group A-2 occupancies where indoor pyrotechnics are used."

524 (3) IFC, Chapter 11, Section 1103.6, Standpipes, is deleted.

525 (4) IFC, Chapter 11, Sections 1103.7, Fire alarm systems, 1103.7.1 Group E, 1103.7.2
526 Group I-1, 1103.7.3 Group I-2, 1103.7.4 Group I-3, 1103.7.5 Group R-1, 1103.7.5.1 Group R-1
527 hotel and motel manual fire alarm system, 1103.7.5.1.1 Group R-1 hotel and motel automatic
528 smoke detection system, 1103.7.5.2 Group R-1 boarding and rooming houses manual fire

529 alarm system, 1103.7.5.2.1 Group R-1 boarding and rooming houses automatic smoke detection
530 system, 1103.7.6 Group R-2 and 1103.7.7 Group R-4, are deleted.

531 (5) IFC, Chapter 11, Section 1103.9, Carbon monoxide alarms, is amended as follows:
532 On line four after the word "alarms" insert the following sentence, "A minimum of one carbon
533 monoxide alarm shall be installed on each habitable level." The entire Exception is deleted.

534 Section 8. Section **15A-5-206** is amended to read:

535 **15A-5-206. Amendments and additions to IFC related to hazardous materials,**
536 **explosives, fireworks, and flammable and combustible liquids.**

537 (1) For IFC, Explosives and Fireworks, IFC, Chapter ~~[33]~~ 56, Section ~~[3301.1.3]~~
538 5601.3, Fireworks, Exception 4 is amended to add the following sentence at the end of the
539 exception: "The use of fireworks for display and retail sales is allowed as set forth in Utah
540 Code, Title 53, Chapter 7, Utah Fire Prevention and Safety Act, Sections 53-7-220 through
541 53-7-225; Utah Code, Title 11, Chapter 3, County and Municipal Fireworks Act; Utah
542 Administrative Code, R710-2; and the State Fire Code."

543 (2) For IFC, Chapter 57, Flammable and Combustible Liquids:

544 (a) IFC, Chapter ~~[34]~~ 57, Section ~~[3401.4]~~ 5701.4, Permits, is amended to add the
545 following at the end of the section: "The owner of an underground tank that is out of service for
546 longer than one year shall receive a Temporary Closure Notice from the Department of
547 Environmental Quality, and a copy shall be given to the AHJ."

548 (b) IFC, Chapter ~~[34]~~ 57, Section ~~[3406.1]~~ 5706.1, General, is amended to add the
549 following special operation: "8. Sites approved by the AHJ".

550 (c) IFC, Chapter ~~[34]~~ 57, Section ~~[3406.2]~~ 5706.2, Storage and dispensing of
551 flammable and combustible liquids on farms and construction sites, is amended to add the
552 following: On line five, after the words "borrow pits", add the words "and sites approved by the
553 AHJ".

554 (3) For IFC, Chapter 61, Liquefied Petroleum Gas:

555 (a) IFC, Chapter ~~[38]~~ 61, Section ~~[3801.2]~~ 6101.2, Permits, is amended as follows: On
556 line two, after the word "105.7", add "and the adopted LP Gas rules".

557 (b) IFC, Chapter ~~[38]~~ 61, Section ~~[3803.1]~~ 6103.1, General, is deleted and rewritten as
558 follows: "General. LP Gas equipment shall be installed in accordance with NFPA 54, NFPA
559 58, the adopted LP Gas rules, and the International Fuel Gas Code, except as otherwise

560 provided in this chapter."

561 (c) Chapter ~~[38]~~ 61, Section ~~[3809.12]~~ 6109.12, Location of storage outside of
 562 buildings, is amended as follows: In Table ~~[3809.12]~~ 6109.12, Doorway or opening to a
 563 building with two or more means of egress, with regard to quantities 720 or less and 721 --
 564 2,500, the currently stated "5" is deleted and replaced with "10".

565 ~~[(d) IFC, Chapter 38, Section 3809.14, Alternative location and protection of storage,
 566 is amended as follows: Delete "20" from line three and replace it with "10".]~~

567 (d) IFC, Chapter 61, Section 6109.15.1, Automated cylinder exchange stations, is
 568 amended as follows: Item # 4 is deleted.

569 (e) IFC, Chapter ~~[38]~~ 61, Section ~~[3810.1]~~ 6110.1, Temporarily out of service, is
 570 amended as follows: On line two, after the word "discontinued", add the words "for more than
 571 one year or longer as allowed by the AHJ,".

572 Section 9. Section **15A-5-207** is amended to read:

573 **15A-5-207. Amendments and additions to IFC related to existing buildings and**
 574 **referenced standards.**

575 IFC, Chapter ~~[47]~~ 80, Referenced Standards, is amended as follows:

576 ~~[(+)]~~ Under the heading NFPA - National Fire Protection Association, delete the
 577 existing "Standard reference number" with regard to the edition and replace it with the
 578 following:

579 ~~[(a) "NFPA, Standard 10, Portable Fire Extinguishers, 2010 edition";]~~

580 ~~[(b) "NFPA, Standard 11, Low-, Medium- and High-expansion Foam, 2010 edition";]~~

581 ~~[(c) "NFPA, Standard 12, Carbon Dioxide Extinguishing Systems, 2008 edition";]~~

582 ~~[(d) "NFPA, Standard 12A, Halon 1301 Fire Extinguishing System, 2009 edition";]~~

583 ~~[(e) "NFPA, Standard 13, Installation of Sprinkler Systems, 2010 edition";]~~

584 ~~[(f) "NFPA, Standard 13D, Installation of Sprinkler Systems in One- and Two-family
 585 Dwellings and Manufactured Homes, 2010 edition";]~~

586 ~~[(g) "NFPA, Standard 13R, Installation of Sprinkler Systems in Residential
 587 Occupancies up to and Including Four Stories in Height, 2010 edition";]~~

588 ~~[(h) "NFPA, Standard 14, Installation of Standpipe and Hose Systems, 2010 edition";]~~

589 ~~[(i) "NFPA, Standard 17, Dry Chemical Extinguishing Systems, 2009 edition";]~~

590 ~~[(j) "NFPA, Standard 17A, Wet Chemical Extinguishing Systems, 2009 edition";]~~

- 591 ~~[(k) "NFPA, Standard 20, Installation of Stationary Pumps for Fire Protection, 2010~~
 592 ~~edition";]~~
- 593 ~~[(l) "NFPA, Standard 22, Water Tanks for Private Fire Protection, 2008 edition";]~~
- 594 ~~[(m) "NFPA, Standard 24, Installation of Private Fire Service Mains and Their~~
 595 ~~Appurtenances, 2010 edition";]~~
- 596 ~~[(n) "NFPA, Standard 72, National Fire Alarm Code, 2010 edition," all "Referenced in~~
 597 ~~code section numbers" remain the same, except the exclusion of Table 508.1.5;]~~
- 598 ~~[(o) "NFPA, Standard 92B, Smoke Management Systems in Malls, Atria and Large~~
 599 ~~Spaces, 2009 edition";]~~
- 600 ~~[(p) "NFPA, Standard 101, Life Safety Code, 2009 edition";]~~
- 601 ~~[(q) "NFPA, Standard 110, Emergency and Standby Power Systems, 2010 edition";]~~
- 602 ~~[(r) "NFPA 72, Installation of Carbon Monoxide (CO) Detection and Warning~~
 603 ~~Equipment, 2009 edition.";]~~
- 604 ~~[(s) "NFPA, Standard 750, Water Mist Fire Protection Systems, 2010 edition"; and]~~
 605 ~~[(t) "NFPA, Standard 1123, Fireworks Display, 2010 edition."]~~
- 606 ~~[(2) Under the heading UL -- Underwriters Laboratories, Inc., add the following:~~
 607 ~~"UL2034, Standard for Single and Multiple Station Carbon Monoxide Alarms, 1998."]~~
- 608 Section 10. Section **15A-5-302** is amended to read:
- 609 **15A-5-302. Amendments and additions to NFPA related to National Fire Alarm**
 610 **Code.**
- 611 For NFPA 72, National Fire Alarm Code:
- 612 (1) NFPA 72, Chapter 2, Section 2.2, NFPA Publications, is amended to add the
 613 following NFPA standard: "NFPA 20, Standard for the Installation of Stationary Pumps for
 614 Fire Protection, [~~2007~~] 2010 edition."
- 615 (2) NFPA 72, Chapter [~~4~~] 10, Section [~~4.3.2~~] 10.4.1, System Designer, Subsection
 616 [~~4.3.2.2(2)~~] 10.4.1.2(2), is deleted and rewritten as follows: "National Institute of Certification
 617 in Engineering Technologies (NICET) fire alarm level II certified personnel."
- 618 (3) NFPA 72, Chapter [~~4~~] 10, Section [~~4.3.3~~] 10.4.2, System Installer, Subsection
 619 [~~4.3.3(2)~~] 10.4.2.2(2), is deleted and rewritten as follows: "National Institute of Certification in
 620 Engineering Technologies (NICET) fire alarm level II certified personnel."
- 621 (4) NFPA 72, Chapter [~~4~~] 10, Section [~~4.4.3.7;~~] 10.10, Fire Alarm Signal Deactivation,

622 Subsection ~~[4.4.3.7.2]~~ 10.10.2, is amended to add the following sentence: "When approved by
623 the AHJ, the audible notification appliances may be deactivated during the investigation mode
624 to prevent unauthorized reentry into the building."

625 (5) NFPA 72, Chapter ~~[4]~~ 10, Section ~~[4.4.5]~~ 10.15, Protection of Fire Alarm System,
626 is deleted and rewritten as follows: "Automatic smoke detection shall be provided at the
627 location of each fire alarm control unit(s), notification appliance circuit power extenders, and
628 supervising station transmitting equipment to provide notification of fire at the location."

629 (6) In NFPA 72, Chapter ~~[4]~~ 10, Section ~~[4.4.5]~~ 10.15, a new Exception 1 is added as
630 follows: "When ambient conditions prohibit installation of automatic smoke detection,
631 automatic heat detection shall be permitted."

632 (7) In NFPA 72, Chapter ~~[6]~~ 23, Section ~~[6.8.5.9]~~ 23.8.5.9, Signal Initiation -- Fire
633 Pump, Subsection ~~[6.8.5.9.3]~~ 23.8.5.9.3 is added as follows: "Automatic fire pumps shall be
634 supervised in accordance with NFPA 20, Standard for the Installation of Stationary Pumps for
635 Fire Protection, and the AHJ."

636 ~~[(8) NFPA 72, Chapter 7, Section 7.4.1, General Requirements, Subsection 7.4.1.2, is~~
637 ~~amended as follows: On line three delete "110dBA" and replace it with "120dBA".]~~

638 ~~[(9)]~~ (8) NFPA 72, Chapter ~~[8]~~ 26, Section ~~[8.3.4]~~ 23.3.4, Indication of Central Station
639 Service, Subsection ~~[8.3.4.7]~~ 26.3.4.7 is amended as follows: On line two, after the word
640 "notified", insert the words "without delay".

641 ~~[(10)]~~ (9) NFPA 72, Chapter 10, Section ~~[10.2.2.5, Service Personnel Qualifications~~
642 ~~and Experience, Subsection 10.2.2.5.1]~~ 10.4.3 Inspection, Testing, and Maintenance Personnel
643 Subsection 10.4.3.1, is deleted and rewritten as follows: "Service personnel shall be qualified
644 and experienced in the inspection, testing, and maintenance of fire alarm systems. Qualified
645 personnel shall meet the certification requirements stated in Utah Administrative Code,
646 R710-11-3, Fire Alarm System Inspecting and Testing."

647 Section 11. Section **15A-5-401** is amended to read:

648 **15A-5-401. Grandfathering of local ordinances related to automatic sprinkler**
649 **systems.**

650 An ordinance adopted by a legislative body of a political subdivision that is in effect on
651 June 30, 2010, and that imposes a requirement related to an automatic sprinkler system for a
652 structure built in accordance with the requirements of the International Residential Code as

653 adopted in the State Construction Code may remain in effect on or after July 1, 2010,
654 notwithstanding that the ordinance is not authorized under Subsection 15A-5-203[~~(2)~~](1).

655 Section 12. **Effective date.**

656 This bill takes effect on July 1, 2013.