

1 **CODIFICATION OF STATE CONSTRUCTION AND FIRE**

2 **CODES**

3 2011 GENERAL SESSION

4 STATE OF UTAH

5 **Chief Sponsor: Michael T. Morley**

6 Senate Sponsor: J. Stuart Adams

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**LONG TITLE**

8 **General Description:**

9 This bill enacts a new title to codify the existing State Construction Code and State Fire  
10 Code.  
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12 **Highlighted Provisions:**

13 This bill:

- 14 ▶ codifies the State Construction Code;
- 15 ▶ codifies the State Fire Code;
- 16 ▶ updates the NFPA referenced standards in the State Construction Code and State  
17 Fire Code;
- 18 ▶ provides local amendments for fire sprinkler requirements for the Town of Brian  
19 Head in the State Construction Code;
- 20 ▶ addresses codes incorporated by reference into the State Fire Code;
- 21 ▶ addresses emergency evacuation drill requirements in the State Fire Code;
- 22 ▶ addresses door ~~H→~~ [closures] closers ←H on classroom doors as part of the State Fire  
22a Code;
- 23 ▶ addresses use of antifreeze in automatic sprinklers as part of the State Fire Code;
- 24 ▶ addresses provisions in the State Fire Code related to liquified petroleum gas;
- 25 ▶ includes provisions related to procedures to adopt and requirements related to the  
26 administration of the State Construction Code and State Fire Code; and
- 27 ▶ makes technical and conforming amendments.



28 **Money Appropriated in this Bill:**

29 None

30 **Other Special Clauses:**

31 This bill takes effect on July 1, 2011.

31a **H→ This bill coordinates with H.B. 260, Mechanics' Liens Revisions, to technically merge**  
31b **substantive amendments. ←H**

32 **Utah Code Sections Affected:**

33 AMENDS:

- 34 9-4-102, as last amended by Laws of Utah 2004, Chapter 18
- 35 10-8-85.5, as last amended by Laws of Utah 2008, Chapter 78
- 36 10-9a-514, as last amended by Laws of Utah 2010, Chapter 378
- 37 11-36-102 (Effective 05/11/11), as last amended by Laws of Utah 2010, Chapter 203
- 38 11-45-102, as enacted by Laws of Utah 2010, Chapter 72
- 39 17-27a-513, as renumbered and amended by Laws of Utah 2005, Chapter 254
- 40 26-15-3, as last amended by Laws of Utah 2010, Chapter 310
- 41 26A-1-113, as last amended by Laws of Utah 2009, Chapter 339
- 42 26A-1-114, as last amended by Laws of Utah 2009, Chapters 304 and 339
- 43 38-11-102, as last amended by Laws of Utah 2007, Chapter 84
- 44 53-7-102, as last amended by Laws of Utah 2010, Chapters 310 and 324
- 45 53-7-204, as last amended by Laws of Utah 2010, Chapters 61 and 310
- 46 57-23-4, as enacted by Laws of Utah 1991, Chapter 262
- 47 58-3a-102, as enacted by Laws of Utah 1996, Chapter 260
- 48 58-3a-602, as enacted by Laws of Utah 1996, Chapter 260
- 49 58-22-102, as last amended by Laws of Utah 2008, Chapter 277
- 50 58-22-602, as enacted by Laws of Utah 1996, Chapter 259
- 51 58-53-602, as enacted by Laws of Utah 1998, Chapter 191
- 52 58-55-102, as last amended by Laws of Utah 2010, Chapters 27, 53, and 227
- 53 58-55-305, as last amended by Laws of Utah 2010, Chapters 27, 227, and 310
- 54 58-56-1, as enacted by Laws of Utah 1989, Chapter 269
- 55 58-56-3, as last amended by Laws of Utah 2010, Chapters 76, 310, and 372
- 56 58-56-9, as last amended by Laws of Utah 2010, Chapters 310 and 391
- 57 58-56-17.5, as last amended by Laws of Utah 2010, Chapter 310
- 58 59-12-102, as last amended by Laws of Utah 2010, Chapters 88, 142, 234, and 263

- 152           **15A-5-201**, Utah Code Annotated 1953
- 153           **15A-5-202**, Utah Code Annotated 1953
- 154           **15A-5-203**, Utah Code Annotated 1953
- 155           **15A-5-204**, Utah Code Annotated 1953
- 156           **15A-5-205**, Utah Code Annotated 1953
- 157           **15A-5-206**, Utah Code Annotated 1953
- 158           **15A-5-207**, Utah Code Annotated 1953
- 159           **15A-5-301**, Utah Code Annotated 1953
- 160           **15A-5-302**, Utah Code Annotated 1953
- 161           **15A-5-303**, Utah Code Annotated 1953
- 162           **15A-5-401**, Utah Code Annotated 1953
- 163           **58-56-15.1**, Utah Code Annotated 1953

164 **REPEALS:**

- 165           **53-7-106**, as last amended by Laws of Utah 2010, Chapter 310
- 166           **58-56-4**, as last amended by Laws of Utah 2010, Chapters 310 and 372
- 167           **58-56-5**, as last amended by Laws of Utah 2010, Chapters 286 and 310
- 168           **58-56-6**, as last amended by Laws of Utah 2010, Chapter 310
- 169           **58-56-7**, as last amended by Laws of Utah 2010, Chapter 310
- 170           **58-56-8**, as last amended by Laws of Utah 2002, Chapter 75
- 171           **58-56-11**, as last amended by Laws of Utah 1997, Chapter 196
- 172           **58-56-12**, as last amended by Laws of Utah 2010, Chapter 310
- 173           **58-56-13**, as last amended by Laws of Utah 2010, Chapter 310
- 174           **58-56-14**, as last amended by Laws of Utah 2010, Chapter 310
- 175           **58-56-15**, as last amended by Laws of Utah 2010, Chapter 310
- 176           **58-56-19**, as last amended by Laws of Utah 2009, Chapter 50
- 177           **58-56-20**, as last amended by Laws of Utah 2010, Chapter 310
- 178           **58-56-21**, as last amended by Laws of Utah 2010, Chapter 310

178a **H→ Utah Code Sections Affected by Coordination Clause:**

178b **15A-1-209, Utah Code Annotated 1953 ←H**



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

181           Section 1. Section **9-4-102** is amended to read:

182           **9-4-102. Definitions.**

3149 (b) In IFC, Chapter 5, a new Section 507.1.1, Isolated one- and two-family dwellings,  
 3150 is added as follows: "Fire flow may be reduced for an isolated one- and two-family dwelling  
 3151 when the authority having jurisdiction over the dwelling determines that the development of a  
 3152 full fire-flow requirement is impractical."

3152a **H→ (c) In IFC, Chapter 5, a new Section 507.1.2, Pre-existing subdivision lots, is added as**  
 3152b **follows " S→ [Fire flow] Total water supply ←S requirements shall not exceed the fire flows**  
 3152b2 **described in S→ [Subsection]**  
 3152c **[~~2~~(a)(iv)] Section 501.5(iv) ←S for S→ [a] the largest ←S one- or two-family dwelling,**  
 3152c2 **protected by an automatic fire sprinkler system, on**  
 3152d **a subdivision lot platted before December 31, 1980, unless the municipality or county in which**  
 3152e **the lot is located provides the required fire flow capacity."** ←H

3153 (3) For IFC, Building Services and Systems:

3154 (a) IFC, Chapter 6, Section 607.4, Elevator keys, is deleted and rewritten as follows:  
 3155 "Firefighter service keys shall be kept in a "Supra-Stor-a-key" elevator key box or similar box  
 3156 with corresponding key system that is adjacent to the elevator for immediate use by the fire  
 3157 department. The key box shall contain one key for each elevator, one key for lobby control,  
 3158 and any other keys necessary for emergency service. The elevator key box shall be accessed  
 3159 using a 6049 numbered key. All existing elevator key box locks that do not use the numbered  
 3160 6049 key shall be changed to the 6049 key by December 31, 2011."

3161 (b) IFC, Chapter 6, Section 609.1, General, is amended as follows: On line three, after  
 3162 the word "Code", add the words "and NFPA 96".

3163 (4) For IFC, Fire-Resistance-Rated Construction, IFC, Chapter 7, Section 703.2, is  
 3164 amended to add the following: "Exception: In Group E Occupancies, where the corridor serves  
 3165 an occupant load greater than 30 and the building does not have an automatic fire sprinkler  
 3166 system installed, the door H→ [closures] closers ←H may be of the friction hold-open type on  
 3166a classrooms' doors  
 3167 with a rating of 20 minutes or less only."

3168 Section 98. Section **15A-5-204** is enacted to read:

3169 **15A-5-204. Amendments and additions to IFC related to fire protection systems.**

3170 For IFC, Fire Protection Systems:

3171 (1) IFC, Chapter 9, Section 901.2, Construction documents, is amended to add the  
 3172 following at the end of the section: "The code official has the authority to request record  
 3173 drawings ("as built") to verify any modifications to the previously approved construction  
 3174 documents."

3428 4.4.3.7.2, is amended to add the following sentence: "When approved by the AHJ, the audible  
 3429 notification appliances may be deactivated during the investigation mode to prevent  
 3430 unauthorized reentry into the building."

3431 (5) NFPA 72, Chapter 4, Section 4.4.5, Protection of Fire Alarm System, is deleted and  
 3432 rewritten as follows: "Automatic smoke detection shall be provided at the location of each fire  
 3433 alarm control unit(s), notification appliance circuit power extenders, and supervising station  
 3434 transmitting equipment to provide notification of fire at the location."

3435 (6) In NFPA 72, Chapter 4, Section 4.4.5, a new Exception 1 is added as follows:  
 3436 "When ambient conditions prohibit installation of automatic smoke detection, automatic heat  
 3437 detection shall be permitted."

3438 (7) In NFPA 72, Chapter 6, Section 6.8.5.9, Signal Initiation -- Fire Pump, Subsection  
 3439 6.8.5.9.3 is added as follows: "Automatic fire pumps shall be supervised in accordance with  
 3440 NFPA 20, Standard for the Installation of Stationary Pumps for Fire Protection, and the AHJ."

3441 (8) NFPA 72, Chapter 7, Section 7.4.1, General Requirements, Subsection 7.4.1.2, is  
 3442 amended as follows: On line three delete "110dBA" and replace it with "120dBA".

3443 (9) NFPA 72, Chapter 8, Section 8.3.4, Indication of Central Station Service,  
 3444 Subsection 8.3.4.7 is amended as follows: On line two, after the word "notified", insert the  
 3445 words "without delay".

3446 (10) NFPA 72, Chapter 10, Section 10.2.2.5, Service Personnel Qualifications and  
 3447 Experience, Subsection 10.2.2.5.1, is deleted and rewritten as follows: "Service personnel shall  
 3448 be qualified and experienced in the inspection, testing, and maintenance of fire alarm systems.  
 3449 Qualified personnel shall meet the certification requirements stated in Utah Administrative  
 3450 Code, R710-11-3, Fire Alarm System Inspecting and Testing."

3451 Section 104. Section **15A-5-303** is enacted to read:

3452 **15A-5-303. Amendments and additions to NFPA related to manufacture,**  
 3453 **transportation, storage, and retail sales of fireworks.**

3454 **Ĥ→ (1) For purposes of this section and subject to Subsection (2), the Utah Fire Prevention**  
 3454a **Board shall adopt standards by rule for the retail sales of consumer fireworks, and in doing so,**  
 3454b **shall consider the applicable provisions of NFPA 1124, Chapter 7, Retail Sales of Consumer**  
 3454c **Fireworks.**

3454d **(2) ←Ĥ NFPA 1124 Manufacture, Transportation, Storage, and Retail Sales of Fireworks**  
 3454e **and**  
 3455 **Pyrotechnic Articles:**

3456 **Ĥ→ [(†) (a) ←Ĥ In NFPA 1124, Chapter 7, Section 7.2, Special Limits for Retail Sales of**  
 3456a **Consumer**  
 3457 **Fireworks, Subsection 7.2.8 is added as follows: "Display of Class C common state approved**  
 3458 **explosives inside of buildings protected throughout with an automatic fire sprinkler system**

3459 shall not exceed 25% of the area of the retail sales floor or exceed 600 square feet, whichever is  
 3460 less."

3461 ~~H~~→ [(2)] (b) ←~~H~~ In NFPA 1124, Chapter 7, Section 7.2, Special Limits for Retail Sales of  
 3461a Consumer  
 3462 Fireworks, Subsection 7.2.9 is added as follows: "Rack storage of Class C common state  
 3463 approved explosives inside of buildings is prohibited."

3464 ~~H~~→ [(3)] (c) ←~~H~~ NFPA 1124, Chapter 7, Section 7.3.1, Exempt Amounts, Subsection  
 3464a 7.3.1.1, is  
 3465 deleted and rewritten as follows: "Display of Class C common state approved explosives inside  
 3466 of buildings not protected with an automatic fire sprinkler system shall not exceed 125 pounds  
 3467 of pyrotechnic composition."

3468 ~~H~~→ [(4)] (d) ←~~H~~ NFPA 1124, Chapter 7, Section 7.3.15.2, Height of Sales Displays,  
 3468a Subsection  
 3469 7.3.15.2.2, is amended as follows: On line three delete "12 ft. (3.66m)" and replace it with "6  
 3470 ft.".

3471 Section 105. Section **15A-5-401** is enacted to read:

3472 **Part 4. Local Ordinances**

3473 **15A-5-401. Grandfathering of local ordinances related to automatic sprinkler**  
 3474 **systems.**

3475 An ordinance adopted by a legislative body of a political subdivision that is in effect on  
 3476 June 30, 2010, and that imposes a requirement related to an automatic sprinkler system for a  
 3477 structure built in accordance with the requirements of the International Residential Code as  
 3478 adopted in the State Construction Code may remain in effect on or after July 1, 2010,  
 3479 notwithstanding that the ordinance is not authorized under Subsection 15A-5-203(2).

3480 Section 106. Section **17-27a-513** is amended to read:

3481 **17-27a-513. Manufactured homes.**

3482 (1) For purposes of this section, a manufactured home is the same as defined in Section  
 3483 [~~58-56-3~~] 15A-1-302, except that the manufactured home must be attached to a permanent  
 3484 foundation in accordance with plans providing for vertical loads, uplift, and lateral forces and  
 3485 frost protection in compliance with the applicable building code. All appendages, including  
 3486 carports, garages, storage buildings, additions, or alterations must be built in compliance with  
 3487 the applicable building code.

3488 (2) A manufactured home may not be excluded from any land use zone or area in  
 3489 which a single-family residence would be permitted, provided the manufactured home

6187 Section 131. **Effective date.**

6188 This bill takes effect on July 1, 2011.

6188a **↔** Section 132. Coordinating H.B. 203 with H.B. 260 -- Technically merging substantive  
6188b amendments. If this H.B. 203, Codification of State Construction and Fire Codes, and H.B.  
6188c 260, Mechanics' Liens Revisions, both pass, it is the intent of the Legislature that the Office of  
6188d Legislative Research and General Counsel in preparing the Utah Code database for  
6188e publication:

6188f (1) modify Subsection 15A-1-209(3)(b) to read:

6188g "(b) The standardized building permit form created under this Subsection (3) shall include  
6188h fields for indicating the following information:

6188i (i) the name and address of the owner of the property on which the project will occur;

6188j (ii) the name and address of the contractor for the project;

6188k (iii) (A) the address of the project; or

6188l (B) a general description of the project;

6188m (iv) the county in which the property on which the project will occur is located;

6188n (v) the tax parcel identification number of the property; and

6188o (vi) whether the permit applicant is an original contractor or owner-builder."; and

6188p (2) change the citation in Subsection (3)(f)(ii) from "Subsection (3)(b)(iii)" to "Subsection

6188q (3)(b)(vi)." **↔**

Legislative Review Note  
as of 11-22-10 8:39 AM

Office of Legislative Research and General Counsel