

- 26 ▶ amends provisions related to the amount of fireworks a person may store in a
- 27 building equipped with an approved sprinkler system;
- 28 ▶ amends provisions related to carbon monoxide alarm installation;
- 29 ▶ amends provisions related to supplying toilet facilities during building construction;
- 30 ▶ provides an alternative means of complying with the International Energy
- 31 Conservation Code;
- 32 ▶ amends provisions related to air duct leakage testing;
- 33 ▶ modifies the amount of allowed air duct leakage;
- 34 ▶ modifies energy rating index compliance requirements;
- 35 ▶ modifies installation requirements for potable water supply protection;
- 36 ▶ modifies electrical wiring requirements for a basement, garage, or accessory
- 37 building;
- 38 ▶ deletes a requirement in the International Plumbing Code that trenching parallel to a
- 39 footing or wall not extend into the bearing plane of the footing or wall;
- 40 ▶ deletes an International Plumbing Code requirement for installation of a temperature
- 41 limiting device in a footbath, pedicure bath, or head shampoo sink;
- 42 ▶ deletes an International Plumbing Code requirement for multiple-compartment
- 43 sinks that discharge independently to a waste receptor;
- 44 ▶ provides an alternative method for storm drain installation;
- 45 ▶ provides for the use of a gray water recycling system in a single family residential
- 46 area;
- 47 ▶ provides an alternative compliance method related to embedded joints;
- 48 ▶ provides an alternative method for installing an overcurrent device;

48a **Ĥ→ ▶ enacts a provision related to building permits for projects using polyurethane**
 48b **insulated concrete form block; ←Ĥ**

- 49 ▶ provides emission requirements for certain natural gas-fired water heaters; and
- 50 ▶ amends provisions to coordinate with newly adopted codes and related Utah Code
- 51 sections.

52 **Money Appropriated in this Bill:**

53 None

54 **Other Special Clauses:**

55 **Ĥ→ [None] This bill provides a special effective date. ←Ĥ**

56 **Utah Code Sections Affected:**

- 88 15A-3-401, as last amended by Laws of Utah 2014, Chapter 100
- 89 15A-3-501, as last amended by Laws of Utah 2013, Chapter 297
- 90 15A-3-601, as last amended by Laws of Utah 2013, Chapter 297
- 91 15A-3-701, as last amended by Laws of Utah 2013, Chapter 279
- 92 15A-3-801, as last amended by Laws of Utah 2013, Chapter 297
- 93 15A-4-103, as enacted by Laws of Utah 2011, Chapter 14
- 94 15A-4-107, as enacted by Laws of Utah 2011, Chapter 14
- 95 15A-4-203, as enacted by Laws of Utah 2011, Chapter 14
- 96 58-11a-502, as last amended by Laws of Utah 2014, Chapter 100

97 ENACTS:

- 98 15A-3-315, Utah Code Annotated 1953
- 99 15A-3-901, Utah Code Annotated 1953
- 100 15A-6-101, Utah Code Annotated 1953
- 101 15A-6-102, Utah Code Annotated 1953

101a **Ĥ→ 15A-6-201, Utah Code Annotated 1953 ←Ĥ**

101b **Ŝ→ 15A-6-202, Utah Code Annotated 1953 ←Ŝ**

102 REPEALS:

- 103 15A-3-106.5, as enacted by Laws of Utah 2014, Chapter 153

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

106 Section 1. Section 15A-1-204 is amended to read:

107 **15A-1-204. Adoption of State Construction Code -- Amendments by commission**
 108 **-- Approved codes -- Exemptions.**

109 (1) (a) The State Construction Code is the construction codes adopted with any
 110 modifications in accordance with this section that the state and each political subdivision of the
 111 state shall follow.

112 (b) A person shall comply with the applicable provisions of the State Construction
 113 Code when:

- 114 (i) new construction is involved; and
- 115 (ii) the owner of an existing building, or the owner's agent, is voluntarily engaged in:
 - 116 (A) the repair, renovation, remodeling, alteration, enlargement, rehabilitation,
 - 117 conservation, or reconstruction of the building; or
 - 118 (B) changing the character or use of the building in a manner that increases the

150 shall prepare and submit a report to the Business and Labor Interim Committee that:

151 (i) states whether the commission recommends the Legislature adopt the update with
 152 any modifications; and

153 (ii) describes the costs and benefits of each recommended change in the update or in
 154 any modification ~~§→ [§→ in accordance with rules made by the Division of Occupational and~~
 154a ~~Professional Licensing in accordance with Title 63G, Chapter 3, Utah Administrative~~
 154b ~~Rulemaking Act ←§] ←§~~ .

155 (b) After the Business and Labor Interim Committee receives the report described in
 156 Subsection (4)(a), the Business and Labor Interim Committee shall:

157 (i) study the recommendations during the remainder of the interim; and

158 (ii) if the Business and Labor Interim Committee decides to recommend legislative
 159 action to the Legislature, prepare legislation for consideration by the Legislature in the next
 160 general session.

161 ~~[(3)]~~ (5) (a) (i) The commission shall, by no later than November 30 of each year in
 162 which the commission is not required to submit a report described in Subsection (4),
 163 recommend in a report to the Business and Labor Interim Committee whether the Legislature
 164 should~~[-(i)]~~ amend or repeal one or more provisions of [a] the State Construction Code~~[-or]~~.
 165 ~~[(ii) in a year of a regularly scheduled update of a nationally recognized code, adopt a~~
 166 ~~construction code with any modifications.]~~

167 (ii) As part of a recommendation described in Subsection (5)(a)(i), the commission
 168 shall describe the costs and benefits of each proposed amendment or repeal.

169 (b) The commission may recommend legislative action related to the State
 170 Construction Code:

171 (i) on its own initiative;

172 (ii) upon the recommendation of the division; or

173 (iii) upon the receipt of a request by one of the following that the commission
 174 recommend legislative action related to the State Construction Code:

175 (A) a local regulator;

176 (B) a state regulator;

177 (C) a state agency involved with the construction and design of a building;

178 (D) the Construction Services Commission;

179 (E) the Electrician Licensing Board;

180 (F) the Plumbers Licensing Board; or

212 use by a compliance agency.

213 (b) If the code adopted by a compliance agency is an approved code described in
214 Subsection [~~(6)~~] (7)(a), the compliance agency may:

215 (i) adopt an ordinance requiring removal, demolition, or repair of a building;

216 (ii) adopt, by ordinance or rule, a dangerous building code; or

217 (iii) adopt, by ordinance or rule, a building rehabilitation code.

218 (8) Except as provided in Subsections (6), (7), (9), and (10) or as expressly provided in
219 state law, a state executive branch entity or political subdivision of the state may not, after
220 December 1, 2016, adopt or enforce a rule, ordinance, or requirement that applies to a subject
221 specifically addressed by, and that is more restrictive than, the State Construction Code.

222 (9) A state executive branch entity or political subdivision of the state may ~~H~~ → :

222a (a) ~~H~~ ← enforce a

223 federal law or regulation ~~H~~ → [:] :

223a (b) **adopt or enforce a rule, ordinance, or requirement if the rule, ordinance, or**
223b **requirement applies only to a facility or construction owned or used by a state entity or a**
223c **political subdivision of the state; or**

223d (c) **enforce a rule, ordinance, or requirement:**

223e (i) **that the state executive branch entity or political subdivision adopted or made**
223f **effective before July 1, 2015; and**

223g (ii) **for which the state executive branch entity or political subdivision can**
223h **demonstrate, with substantial evidence, that the rule, ordinance, or requirement is necessary to**
223i **protect an individual from a condition likely to cause imminent injury or death. ~~H~~ ←**

224 (10) The Department of Health or the Department of Environmental Quality may
225 enforce a rule or requirement adopted before January 1, 2015.

226 [~~(7)~~] (11) (a) Except as provided in Subsection [~~(7)~~] (11)(b), a structure used solely in
227 conjunction with agriculture use, and not for human occupancy, is exempt from the permit
228 requirements of the State Construction Code.

229 (b) (i) Unless exempted by a provision other than Subsection [~~(7)~~] (11)(a), a plumbing,
230 electrical, and mechanical permit may be required when that work is included in a structure
231 described in Subsection [~~(7)~~] (11)(a).

232 (ii) Unless located in whole or in part in an agricultural protection area created under
233 Title 17, Chapter 41, Agriculture and Industrial Protection Areas, a structure described in
234 Subsection [~~(7)~~] (11)(a) is not exempt from a permit requirement if the structure is located on
235 land that is:

336 amendment to a State Fire Code adopted under this Subsection ~~[(5)]~~ (6) is repealed on the July
 337 1 immediately following the next annual general session that follows the adoption of the
 338 amendment.

339 ~~[(6)]~~ (7) (a) ~~[(A)]~~ Except as provided in Subsection (7)(b), a legislative body of a
 340 political subdivision may enact an ordinance in the political subdivision's fire code that is more
 341 restrictive ~~[in its fire code requirements]~~ than the State Fire Code:

342 (i) in order to meet a public safety need of the political subdivision; and

343 (ii) subject to the requirements of ~~[this]~~ Subsection ~~[(6)]~~ (7)(c).

344 (b) Except as provided in Subsections (7)(c), (10), ~~H→~~ and ~~←H~~ (11), ~~H→~~ ~~[and (12)],~~ ~~←H~~
 344a or as expressly

345 provided in state law, a political subdivision may not, after December 1, 2016, enact or enforce
 346 a rule or ordinance that applies to a structure built in accordance with the International
 347 Residential Code as adopted in the State Construction Code, that is more restrictive than the
 348 State Fire Code.

349 (c) A political subdivision may adopt:

350 (i) the appendices of the International Fire Code, 2015 edition; and

351 (ii) a fire sprinkler ordinance in accordance with Section [15A-5-203](#).

352 ~~[(b)]~~ (d) A legislative body of a political subdivision that enacts an ordinance under
 353 ~~[this section on or after July 1, 2010]~~ Subsection (7)(a) shall:

354 (i) notify the board in writing at least 30 days before the day on which the legislative
 355 body enacts the ordinance and include in the notice a statement as to the proposed subject
 356 matter of the ordinance; and

357 (ii) after the legislative body enacts the ordinance, report to the board before the board
 358 makes the report required under Subsection ~~[(6)(c)]~~ (7)(e), including providing the board:

359 (A) a copy of the ordinance enacted under this Subsection ~~[(6)]~~ (7); and

360 (B) a description of the public safety need that is the basis of enacting the ordinance.

361 ~~[(c)]~~ (e) The board shall submit to the Business and Labor Interim Committee each
 362 year with the recommendations submitted in accordance with Subsection ~~[(3)]~~ (4):

363 (i) a list of the ordinances enacted under this Subsection ~~[(6)]~~ (7) during the fiscal year
 364 immediately ~~[proceeding]~~ preceding the report; and

365 (ii) recommendations, if any, for legislative action related to an ordinance enacted
 366 under this Subsection ~~[(6)]~~ (7).

367 ~~[(d)]~~ (f) (i) The state fire marshal shall keep an indexed copy of an ordinance enacted
368 under this Subsection ~~[(6)]~~ (7).

369 (ii) The state fire marshal shall make a copy of an ordinance enacted under this
370 Subsection ~~[(6)]~~ (7) available on request.

371 ~~[(e)]~~ (g) The board may make rules in accordance with Title 63G, Chapter 3, Utah
372 Administrative Rulemaking Act, to establish procedures for a legislative body of a political
373 subdivision to follow to provide the notice and report required under this Subsection ~~[(6)]~~ (7).

374 (8) Except as provided in Subsections (9), (10), and (11) or as expressly provided in
375 state law, a state executive branch entity may not, after December 1, 2016, adopt or enforce a
376 rule or requirement that:

377 (a) is more restrictive than the State Fire Code; and

378 (b) applies to detached one- and two-family dwellings and townhouses not more than
379 three stories above grade plane in height with a separate means of egress and their accessory
380 structures.

381 (9) A state government entity may adopt a rule or requirement regarding a residential
382 occupancy that is regulated by:

383 (a) the State Fire Prevention Board;

384 (b) the Department of Health; or

385 (c) the Department of Human Services.

386 (10) A state executive branch entity or political subdivision of the state may ~~H→~~ :

386a (a) ~~H←~~ enforce a

387 federal law or regulation ~~H→~~ [;] :

387a (b) **adopt or enforce a rule, ordinance, or requirement if the rule, ordinance, or**

387b **requirement applies only to a facility or construction owned or used by a state entity or a**

387c **political subdivision of the state; or**

387d (c) **enforce a rule, ordinance, or requirement:**

387e (i) **that the state executive branch entity or political subdivision adopted or made**

387f **effective before July 1, 2015; and**

387g (ii) **for which the state executive branch entity or political subdivision can**

387h **demonstrate, with substantial evidence, that the rule, ordinance, or requirement is necessary to**

387i **protect an individual from a condition likely to cause imminent injury or death. ~~H←~~**

388 (11) The Department of Health or the Department of Environmental Quality may

389 enforce a rule or requirement adopted before January 1, 2015.

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

1500 equipment manufacturers or other comparable training."

1501 (10) In IRC, Section N1103.3.4 (R403.3.4):

1502 (a) in Subsection 1, the number 4 is changed to 8, the number 113.3 is changed to 170,

1503 the number 3 is changed to 6, the number 85 is changed to 114.6; and

1504 (b) in Subsection 2:

1505 (i) on or after January 1, 2017, and before January 1, 2019, the number 4 is changed to

1506 8 and the number 113.3 is changed to 226.5:

1507 (ii) on or after January 1, 2019, and before January 1, 2021, the number 4 is changed to

1508 7 and the number 113.3 is changed to ~~226.5~~ 198.2 ~~198.2~~ ; and

1509 (iii) on or after January 1, 2021, the number 4 is changed to 6 and the number 113.3 is

1510 changed to ~~226.5~~ 169.9 ~~169.9~~ .

1511 ~~[(14)]~~ (11) In IRC, Section ~~[N1103.2.3 (R403.2.3)]~~ N1103.3.5 (R403.3.5), the words

1512 "or plenums" are deleted.

1513 ~~[(15) In IRC, Section N1103.4.2 (R403.4.2), the sentences for "3.", "9.", and the last~~

1514 ~~sentence are deleted.]~~

1515 ~~[(16) In IRC, Section N1103.5 (R403.5), the first sentence is deleted.]~~

1516 ~~[(17) IRC, Section N1104.1 (R404.1) and the exception are deleted, and N1104.1.1~~

1517 ~~(R404.1.1) becomes N1104.1 (R404.1).]~~

1518 ~~[(18) In IRC, Table N1105.5.2(1) (R405.5.2(1)), the following changes are made under~~

1519 ~~the column STANDARD REFERENCE DESIGN:]~~

1520 ~~[(a) In the row "Air exchange rate", the words "in Zones 1 and 2, and 3 air changes per~~

1521 ~~hour in Zones 3 through 8" are deleted.]~~

1522 ~~[(b) In the row "Heating systems^{f, g}", the standard reference design is deleted and~~

1523 ~~replaced with the following:]~~

1524 ~~["Fuel Type: same as proposed design]~~

1525 ~~[Efficiencies:]~~

1526 ~~[Electric: air source heat pump with prevailing federal minimum efficiencies]~~

1527 ~~[Nonelectric furnaces: natural gas furnace with prevailing federal minimum~~

1528 ~~efficiencies]~~

1529 ~~[Nonelectric boilers: natural gas boiler with prevailing federal minimum efficiencies]~~

1530 ~~[Capacity: sized in accordance with Section N1103.6"]~~

1531 [~~(c) In the row "Cooling systems"^{f, h} the words "As proposed" are deleted and replaced~~
 1532 ~~with the following:~~]

1533 [~~"Fuel Type: Electric]~~

1534 [~~Efficiency: in accordance with prevailing federal minimum standards"]~~

1535 [~~(d) In the row "Service water heating"^{f, g, h, i}, the words "As proposed" are deleted and~~
 1536 ~~replaced with the following:~~]

1537 [~~"Fuel Type: same as proposed design]~~

1538 [~~Efficiency: in accordance with prevailing federal minimum standards]~~

1539 [~~Tank Temperature: 120° F"]~~

1540 [~~(e) In the row "Thermal distribution systems" the word "none" is deleted and replaced~~
 1541 ~~with the following: "Thermal distribution system efficiency (DSE) of .080 shall be applied to~~
 1542 ~~both the heating and cooling system efficiencies."]~~

1543 [~~(19) In Table N1105.5.2(2) (R405.5.2(2)), the number "0.80" is inserted under~~
 1544 ~~"Forced air systems" for "Distribution system components located in unconditioned space".]~~

1545 (12) In IRC, Section N1103.5.3 (R403.5.3), Subsection 5 is deleted and Subsections 6
 1546 and 7 are renumbered.

1547 **§→ [(13) In IRC, Section N1106.2 (R406.2), the last sentence and exception are deleted.**

1548 ~~—— (14) (13) ←§~~ In IRC, Section N1106.4 (R406.4), the table is deleted and replaced with the
 1549 following:

1550 TABLE N1106.4 (R406.4)	
1551 MAXIMUM ENERGY RATING INDEX	
CLIMATE ZONE	ENERGY RATING INDEX
15533	65
15545	69
15556	68

1556 [(20) **§→ [(15) (14) ←§** In IRC, Section M1307.2, the words "In Seismic Design
 1556a Categories [~~D1 and~~
 1557 ~~D2"] D0, D1, and D2, and in townhouses in Seismic Design Category C", are deleted, and in~~
 1558 Subparagraph 1, the last sentence is deleted.

1559 [(21) ~~The RESCheck Software adopted by the United States Department of Energy and~~
 1560 ~~modified to meet the requirements of this section shall be used to verify compliance with this~~

1561 section. The software shall address the Total UA alternative approach and account for
1562 Equipment Efficiency Trade-offs when applicable per the standard reference design as
1563 amended.]

1564 [(22)] ~~§~~ → [(16)] (15) ← ~~§~~ IRC, Section [M1411.6] M1411.8, is deleted.

1565 Section 18. Section **15A-3-204** is amended to read:

1566 **15A-3-204. Amendments to Chapters 16 through 25 of IRC.**

1567 [(1) In IRC, Table M1601.1.1(2), in the section "Round ducts and enclosed rectangular
1568 ducts", the word "enclosed" is deleted; the words "14 inches or less" are deleted and replaced
1569 with "over 8 inches but less than 15 inches"; the wording "8 inches or less" under duct size,
1570 "0.013" under minimum thickness (in.), "30" under equivalent gage no., and "0.0159" under
1571 aluminum minimum thickness (in.), are added; and the section "Exposed rectangular ducts" is
1572 deleted.]

1573 [(2) In IRC, Section M1901.3, the word "only" is inserted between the words "labeled"
1574 and "for".]

1575 [(3)] A new IRC, Section G2401.2, is added as follows: "G2401.2 Meter Protection.
1576 Fuel gas services shall be in an approved location and/or provided with structures designed to
1577 protect the fuel gas meter and surrounding piping from physical damage, including falling,
1578 moving, or migrating ice and snow. If an added structure is used, it must provide access for
1579 service and comply with the IBC or the IRC."

1580 Section 19. Section **15A-3-205** is amended to read:

1581 **15A-3-205. Amendments to Chapters 26 through 35 of IRC.**

1582 (1) A new IRC, Section P2602.3, is added as follows: "P2602.3 Individual water
1583 supply. Where a potable public water supply is not available, individual sources of potable
1584 water supply shall be utilized, provided that the source has been developed in accordance with
1585 Utah Code, Sections [73-3-1](#) and [73-3-25](#), as administered by the Department of Natural
1586 Resources, Division of Water Rights. In addition, the quality of the water shall be approved by
1587 the local health department having jurisdiction."

1588 (2) A new IRC, Section P2602.4, is added as follows: "P2602.4 Sewer required. Every
1589 building in which plumbing fixtures are installed and all premises having drainage piping shall
1590 be connected to a public sewer where the sewer is accessible and is within 300 feet of the
1591 property line in accordance with Utah Code, Section [10-8-38](#); or an approved private sewage

1822 should be worn by all individuals in any area where an air or gas test is being conducted.

1823 4. Contractor shall take all precautions necessary to limit the pressure within the plastic piping.

1824 5. No [~~water supply~~] drain and vent system shall be pressurized in excess of 6 psi as measured
1825 by accurate gauges graduated to no more than three times the test pressure.

1826 6. The pressure gauge shall be monitored during the test period, which should not exceed 15
1827 minutes.

1828 7. At the conclusion of the test, the system shall be depressurized gradually, all trapped air or
1829 gases should be vented, and test balls and plugs should be removed with caution."

1830 [~~(5)~~] (4) In IPC, Section 312.5, the following is added at the end of the paragraph:

1831 "Where water is not available at the construction site or where freezing conditions limit the use
1832 of water on the construction site, plastic water pipes may be permitted to be tested with air.

1833 The following procedures shall be followed:

1834 1. Contractor shall recognize that plastic is extremely brittle at lower temperatures and can
1835 explode, causing serious injury or death.

1836 2. Contractor assumes all liability for injury or death to persons or damage to property or for
1837 claims for labor and/or material arising from any alleged failure of the system during testing
1838 with air or compressed gasses.

1839 3. Proper personal protective equipment, including safety eyewear and protective headgear,
1840 should be worn by all individuals in any area where an air or gas test is being conducted.

1841 4. Contractor shall take all precautions necessary to limit the pressure within the plastic piping.

1842 5. Water supply systems shall be pressure tested to a minimum of 50 psi but not more than 80
1843 psi as measured by accurate gauges graduated to no more than three times the test pressure.

1844 6. The pressure gauge shall be monitored during the test period, which should not exceed 15
1845 minutes.

1846 7. At the conclusion of the test, the system shall be depressurized gradually, all trapped air or
1847 gases should be vented, and test balls and plugs should be removed with caution."

1848 ~~§~~ → [(6)] (5) ← ~~§~~ A new IPC, Section 312.10.3, is added as follows: "312.10.3 Tester
1848a Qualifications.

1849 Testing shall be performed by a Utah Certified Backflow Preventer Assembly Tester in
1850 accordance with Utah Administrative Code, R309-305."

1851 Section 23. Section **15A-3-304** is amended to read:

1852 **15A-3-304. Amendments to Chapter 4 of IPC.**

2347 least 0.1 inches w.g. (25 Pa) across the system, including the manufacturer's air handler
 2348 enclosure. All registers shall be taped or otherwise sealed during the test. If the air handler is
 2349 not installed at the time of the test, total leakage shall be less than or equal to 7.5 cfm (212
 2350 L/min) per 100 square feet (9.29 m²) of conditioned floor area."]

2351 ~~[(16)]~~ (9) In IECC, Section ~~[R403.2.2;]~~ R403.3.3:

2352 (a) the exception for ~~[total]~~ duct air leakage testing is deleted; and

2353 (b) the exception for duct air leakage is replaced:

2354 (i) on or after January 1, 2017, and before January 1, 2019, with the following:

2355 "Exception: The total leakage test is not required for systems with all air handlers and at least
 2356 ~~[50%]~~ 65% of all ducts (measured by length) located entirely within the building thermal
 2357 envelope.";

2358 (ii) on or after January 1, 2019, and before January 1, 2021, with the following:

2359 "Exception: The duct air leakage test is not required for systems with all air handlers and at
 2360 least 75% of all ducts (measured by length) located entirely within the building thermal
 2361 envelope."; and

2362 (iii) on or after January 1, 2021, with the following: "Exception: The duct air leakage
 2363 test is not required for systems with all air handlers and at least 80% of all ducts (measured by
 2364 length) located entirely within the building thermal envelope."

2365 (10) In IECC, Section R403.3.3, the following is added after the exception:

2366 "The following parties shall be approved to conduct testing:

2367 1. Parties certified by BPI or RESNET.

2368 2. Licensed contractors who have completed training provided by Duct Test equipment
 2369 manufacturers or other comparable training."

2370 (11) In IECC, Section R403.3.4:

2371 (a) in Subsection 1, the number 4 is changed to 8, the number 113.3 is changed to 170,
 2372 the number 3 is changed to 6, and the number 85 is changed to 114.6; and

2373 (b) in Subsection 2:

2374 (i) on or after January 1, ~~§→ [2019]~~ 2017 ~~←§~~ , and before January 1, ~~§→ [2021]~~ 2019 ~~←§~~

2374a , the number 4 is changed to

2375 8 and the number 113.3 is changed to 226.5;

2376 (ii) on or after January 1, 2019, and before January 1, 2021, the number 4 is changed to

2377 7 and the number 113.3 is changed to ~~§→ [226.5]~~ 198.2 ~~←§~~ ; and

2378 (iii) on or after January 1, 2021, the number 4 is changed to 6 and the number 113.3 is
 2379 changed to ~~§~~ → [226.5] 169.9 ← ~~§~~ .

2380 [(17) (12) In IECC, Section [R403.2.3] R403.3.5, the words "or plenums" are deleted.

2381 [(18) In IECC, Section R403.4.2, the sentences for "3." and "9." and the last sentence
 2382 are deleted.]

2383 [(19) In IECC, Section R403.5, the first sentence is deleted.]

2384 [(20) IECC, Section R404.1 and the exception are deleted, and R404.1.1 becomes
 2385 R404.1.]

2386 [(21) In IECC, Table R405.5.2(1), the following changes are made under the column
 2387 STANDARD REFERENCE DESIGN:]

2388 [(a) In the row "Air exchange rate", the words "in Zones 1 and 2, and 3 air changes per
 2389 hour in Zones 3 through 8" are deleted.]

2390 [(b) In the row "Heating systems^{f, g}", the standard reference design is deleted and
 2391 replaced with the following:]

2392 ["Fuel Type: same as proposed design]

2393 [Efficiencies:]

2394 [Electric: air source heat pump with prevailing federal minimum efficiencies]

2395 [Nonelectric furnaces: natural gas furnace with prevailing federal minimum
 2396 efficiencies]

2397 [Nonelectric boilers: natural gas boiler with prevailing federal minimum efficiencies]

2398 [Capacity: sized in accordance with Section N1103.6"]

2399 [(c) In the row "Cooling systems^{f, h, i}" the words "As proposed" are deleted and replaced
 2400 with the following:]

2401 ["Fuel Type: Electric]

2402 [Efficiency: in accordance with prevailing federal minimum standards"]

2403 [(d) In the row "Service water heating^{f, g, h, i}", the words "As proposed" are deleted and
 2404 replaced with the following:]

2405 ["Fuel Type: same as proposed design]

2406 [Efficiency: in accordance with prevailing federal minimum standards]

2407 [Tank Temperature: 120° F"]

2408 [(e) In the row "Thermal distribution systems" the word "none" is deleted and replaced

2409 with the following: "Thermal distribution system efficiency (DSE) of .080 shall be applied to
 2410 both the heating and cooling system efficiencies."

2411 [(22) In IECC, Table R405.5.2(2), the number "0.80" is inserted under "Forced air
 2412 systems" for "Distribution system components located in unconditioned space".]

2413 [(23) The RESCheck Software adopted by the United States Department of Energy and
 2414 modified to meet the requirements of this section shall be used to verify compliance with this
 2415 section. The software shall address the Total UA alternative approach and account for
 2416 Equipment Efficiency Trade-offs when applicable per the standard reference design as
 2417 amended.]

2418 (13) In IECC, Section R403.5.3, Subsection 5 is deleted and Subsections 6 and 7 are
 2419 renumbered.

2420 ~~§ → [(14) In IECC, Section R406.2, the last sentence and exception are deleted.~~

2421 ~~— [(15)] (14) ← §~~ In IECC, Section R406.4, the table is deleted and replaced with the following:

2422 TABLE R406.4

2423 MAXIMUM ENERGY RATING INDEX

<u>2424CLIMATE ZONE</u>	<u>ENERGY RATING INDEX</u>
<u>24253</u>	<u>65</u>
<u>24265</u>	<u>69</u>
<u>24276</u>	<u>68</u>

2428 Section 36. Section **15A-3-801** is amended to read:

2429 **Part 8. Statewide Amendments to International Existing Building Code**

2430 **15A-3-801. General provisions.**

2431 [Mobile homes built before June 15, 1976 that are subject to relocation, building
 2432 alteration, remodeling, or rehabilitation shall comply with the following:]

2433 [(1) Related to exits and egress windows:]

2434 [(a) Egress windows. The home has at least one egress window in each bedroom, or a
 2435 window that meets the minimum specifications of the U.S. Department of Housing and Urban
 2436 Development's (HUD) Manufactured Homes Construction and Safety Standards (MHCSS)
 2437 program as set forth in 24 C.F.R. Parts 3280 and 3282, MHCSS 3280.106 and 3280.404 for

2899 (d) a water heater manufactured before July 1, 2018.

2900 (6) Subsection (2) applies to the sale or installation of a water heater on or after July 1,

2901 2018.

2901a **H→ Section 43. Section 15A-6-201 is enacted to read:**

2901b **15A-6-201. Polyurethane insulated concrete forms.**

2901c **(1) Notwithstanding any other provision of this title, a governing body in the state**
 2901d **that issues a building permit may not:**

2901e **(a) deny issuing a building permit to a project solely because the project uses**
 2901f **polyurethane insulated concrete form block that complies with Subsection (2); or**

2901g **(b) require a project to surface flame retardants on polyurethane insulated concrete**
 2901h **form block that has a flame spread that is less than or equal to 25.**

2901i **(2) A project may use polyurethane insulated concrete form block if:**

2901j **(a) the polyurethane insulated concrete form block is manufactured using expanded**
 2901k **polyurethane foam that:**

2901l **(i) has a flame spread index that is less than or equal to 50;**

2901m **(ii) has a smoke index that is less than 350; and**

2901n **(iii) is capable of withstanding fluid pressure created by fresh concrete; and**

2901o **(b) the project is designed and stamped by a structural engineer licensed in the**
 2901p **state.** ←H

2901q **S→ Section 44. Section 15A-6-202 is enacted to read:**

2901r **15A-6-202. Non-polyurethane insulating concrete forms.**

2901s **(1) Notwithstanding any other provision of this title, a governing body in the state**
 2901t **that issues a building permit may not:**

2901u **(a) deny issuing a building permit to a project solely because the project uses non-**
 2901v **polyurethane insulating concrete form block that complies with Subsection (2); or**

2901w **(b) require a project to apply additional flame retardants to the surface of non-**
 2901x **polyurethane insulating concrete form block that has a flame spread that is less than or equal**
 2901y **to 25.**

2901z **(2) A project may use non-polyurethane insulating concrete form block if:**

2901aa **(a) the non-polyurethane insulating concrete form block is manufactured using foam plastic**
 2901ab **insulation that complies with applicable requirements in Title 15A, State Construction and**
 2901ac **Fire Codes Act, for flame spread index and smoke development index;**

2901ad **(b) the non-polyurethane insulating concrete form block complies with any** ☺

2901ae **⊕ other requirements applicable to insulating concrete forms in Title 15A, State**
 2901af **Construction and Fire Codes Act; and**
 2901ag **(c) the project is designed and stamped by a structural engineer who is**
 2901ah **licensed in the state.** ←§

2902 Section ~~H~~→ [43] 44 ←~~H~~ . Section 58-11a-502 is amended to read:

2903 **58-11a-502. Unlawful conduct.**

2904 Unlawful conduct includes:

2905 (1) practicing or engaging in, or attempting to practice or engage in activity for which a
 2906 license is required under this chapter unless:

2907 (a) the person holds the appropriate license under this chapter; or

2908 (b) an exemption in Section 58-1-307 or 58-11a-304 applies;

2909 (2) knowingly employing any other person to engage in or practice or attempt to
 2910 engage in or practice any occupation or profession licensed under this chapter if the employee
 2911 is not licensed to do so under this chapter or exempt from licensure;

2912 (3) touching, or applying an instrument or device to the following areas of a client's
 2913 body:

2914 (a) the genitals or the anus, except in cases where the patron states to a licensee that the
 2915 patron requests a hair removal procedure and signs a written consent form, which must also
 2916 include the witnessed signature of a legal guardian if the patron is a minor, authorizing the
 2917 licensee to perform a hair removal procedure; or

2918 (b) the breast of a female patron, except in cases in which the female patron states to a
 2919 licensee that the patron requests breast skin procedures and signs a written consent form, which
 2920 must also include the witnessed signature of a parent or legal guardian if the patron is a minor,
 2921 authorizing the licensee to perform breast skin procedures;

2922 (4) using or possessing a solution composed of at least 10% methyl methacrylate on a
 2923 client;

2924 (5) performing an ablative procedure as defined in Section 58-67-102;

2925 (6) when acting as an instructor regarding a service requiring licensure under this
 2926 chapter, for a class or education program where attendees are not licensed under this chapter,
 2927 failing to inform each attendee in writing that:

2928 (a) taking the class or program without completing the requirements for licensure under
 2929 this chapter is insufficient to certify or qualify the attendee to perform a service for

2930 compensation that requires licensure under this chapter; and

2931 (b) the attendee is required to obtain licensure under this chapter before performing the
2932 service for compensation; or

2933 (7) failing as a salon or school where nail technology is practiced or taught to maintain
2934 a source capture system required under [~~Section 15A-3-401~~] Title 15A, State Construction and
2935 Fire Codes Act, including failing to maintain and clean a source capture system's air filter
2936 according to the manufacturer's instructions.

2937 Section ~~H~~→ [44] 45 ←~~H~~ . Repealer.

2938 This bill repeals:

2939 Section 15A-3-106.5, Amendments to Chapter 15 of IBC.

2939a ~~H~~→ Section 46. Effective date.

2939b This bill takes effect on July 1, 2016. ←~~H~~