UNIFORM BUILDING CODE COMMISSION MEETING

May 24, 2023 9:00 AM

AGENDA

Anchor Location
Room 474
Heber M Wells Building
160 E 300 S

Join with Google Meet
meet.google.com/sif-ehbe-xpq

Join by phone
(US) +1 304-402-6206 PIN: 459 857 756#

1. Roll call
2. Welcome new member
3. Approve minutes from the April 19, 2023
4. Review recommendations from the Electrical Advisory Committee
5. Make a recommendation for the corrections to Title 15A
6. Discuss the Utah Residential Code book

Next meeting date: as needed

Please call Sharon at 530-6163 if you do not plan on attending the meeting.

In compliance with the Americans with Disabilities Act, individuals needing special accommodations (including auxiliary communicative aids and services) during this meeting should notify Carol Inglesby, ADA Coordinator, Division of Occupational and Professional Licensing, 160 East 300 South, Salt Lake City UT 84111, Phone 530-6626, at least three working days prior to the meeting.

MINUTES

UTAH
UNIFORM BUILDING CODE COMMISSION

April 19, 2023

9:00

Convened: 9:02

Adjourned: 10:00

STAFF:
Sharon Smalley, Board Secretary

COMMISSIONERS:
Thomas Peterson
Josh Blazzard
Lorianne Bisping
Travis Dalley (absent)
Trent Hunt
Ken Adams
Gary Bullock
Chris Hendrickson (excused)
Art Anderson
Karl Mott
Joerg Ruegemer
Scott Carpenter
Steve Dailey

VISITORS:
Kevin Emerson
Rob Durfee
Ron McArthur
Ryan Jackson
Ross Ford
Craig Blue

WELCOME NEW MEMBER

Travis Dalley was not present.

MINUTES

A motion was made by Gary Bullock to approve the minutes from the November 3, 2022 meetings as written. The motion was seconded by Trent Hunt passed unanimously.

DISCUSS DISCREPANCY WITH 2021 CODES AND TITLE 15A

Tom Peterson explained that when the Commission and advisory committees reviewed the 2021 codes, the review was completed on the first printing of the codes. Since that time the International Code Council has done a second printing and there also was an errata issued. The second printing has added three new sections to the IRC in Chapter 39. He pointed out that adding these new sections will change the numbering in our amendments for this chapter. Mr. Peterson is recommending that the Commission take emergency action and that these changes be reviewed by the Electrical Advisory Committee.

Following further discussion, a motion was made by Josh Blazzard to accept Mr. Peterson's recommendations and send the modifications to the Electrical Advisory Committee for review. The motion was seconded by Scott Carpenter and passed unanimously.

Following further discussion on the discrepancies, a recommendation was made by Karl Mott that in the future the committees also look at the errata prior to making their final recommendations.

A motion was made by Steven Dailey that a change be made to add the words "second printing" to 15A-2-103 for the International Residential 2021 Code. The motion was seconded by Ken Adams and passed unanimously.

The meeting adjourned at 10:00.

Note: These minutes are not intended to be a verbatim transcript but are intended to record the significant features of the business conducted in this meeting. Discussed items are not necessarily shown in the chronological order they occurred.

(14) IRC, Section 3902.10, is deleted.

(15) In IRC, Section 3902.12, after the word "125-volt" add "single phase 15 and 20 ampere" and strike the words "through 250 volt."

~~(16) In IRC, Section 3902.13, after the word "125-volt" add "single phase 15 and 20 ampere" and strike the words "through 250 volt."~~

(~~17~~16) IRC, Section ~~E3902.16~~ E3902.19 is deleted.

[~~(6)~~] (17) [~~In~~] IRC Section E3902.~~17~~20[~~:~~] the exception is deleted.

[~~(a) following the word "Exception" the number "1." is added; and~~]

[~~(b) at the end of the section, the following sentences are added:~~]

[~~"2. This section does not apply for a simple move or an extension of a branch circuit or an outlet which does not significantly increase the existing electrical load. This exception does not include changes involving remodeling or additions to a residence."~~]

[~~(7)~~] (19) IRC, Section ~~E3902.18~~ E3902.21 is deleted.

Sharon Smalley <ssmalley@utah.gov>

Fwd: Utah State Construction Code Clarifications

Thomas Peterson <twpeterson@utah.gov>
To: "Duncombe, Stephen" <Sduncombe@utah.gov>, Sharon Smalley <ssmalley@utah.gov>

Hey, I think we probably need to put these issues on our agenda for our next meeting as well.

Thomas Peterson, CBO
Building Official
twpeterson@utah.gov
435-720-3516
Division of Facilities Construction and Management
Taylorsville State Office Building
4315 S 2700 W
Taylorsville, Utah 84129

The opinions included in this email are based on my review of the code and the facts provided to me. I reserve the right to change my opinion if new information is provided.

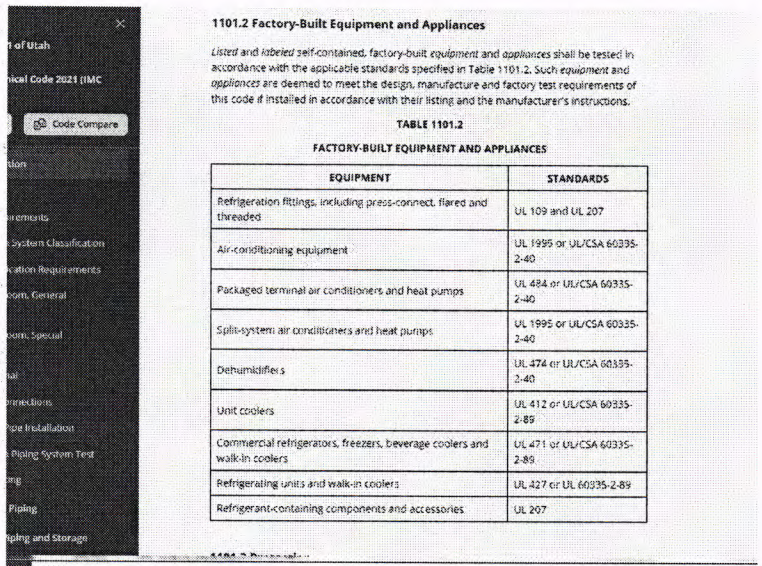
Any opinions expressed in this e-mail message are those of the individual and not necessarily of The State of Utah or its Elected Officials. The e-mail message (and any files attached with it) protected record. If you are not the intended recipient, be advised that you have received this e-mail in error and that any onward transmission is strictly prohibited and should be deleted imm have received this e-mail in error please notify the sender immediately.Sent from Surface

---------- Forwarded message ---------
From: **Danielle Delahanty** <danielle@up.codes>
Date: Tue, May 2, 2023 at 6:02 PM
Subject: Utah State Construction Code Clarifications
To: <ptomasino@utah.gov>, <twpeterson@utah.gov>, <jimrussell@utah.gov>
Cc: Nadia Stewart <nadia@up.codes>

Hello,

I am hoping you can assist me with some code clarifications to the Utah State Construction Code.

Utah 2021 I-Codes amendments
Mechanical Code



1101.2 Factory-Built Equipment and Appliances

Listed and *labeled* self-contained, factory-built *equipment* and *appliances* shall be tested in accordance with the applicable standards specified in Table 1101.2. Such *equipment* and *appliances* are deemed to meet the design, manufacture and factory test requirements of this code if installed in accordance with their listing and the manufacturer's instructions.

TABLE 1101.2

FACTORY-BUILT EQUIPMENT AND APPLIANCES

EQUIPMENT	STANDARDS
Refrigeration fittings, including press-connect, flared and threaded	UL 109 and UL 207
Air-conditioning equipment	UL 1995 or UL/CSA 60335-2-40
Packaged terminal air conditioners and heat pumps	UL 484 or UL/CSA 60335-2-40
Split-system air conditioners and heat pumps	UL 1995 or UL/CSA 60335-2-40
Dehumidifiers	UL 474 or UL/CSA 60335-2-40
Unit coolers	UL 412 or UL/CSA 60335-2-89
Commercial refrigerators, freezers, beverage coolers and walk-in coolers	UL 471 or UL/CSA 60335-2-89
Refrigerating units and walk-in coolers	UL 427 or UL 60335-2-89
Refrigerant-containing components and accessories	UL 207

2550 (6) In IMC, Section 1101.2, the words "471 or 1995" are deleted and replaced with
2551 "471, 1995, or UL/CSA 60335-2-40."

The amendments to Section 1101.2 Factory-Built Equipment and Appliances state "the words '471 pr 1995' are deleted and replaced with '471, 1995, or UL/CSA 60335-2-40'". However, it is u you please clarify where this deletion and replacement is supposed to occur?

Existing Building Code

The amendments to Section 305.4.2 Complete Change of Occupancy appear to include the incorrect section reference. We believe the section amended was supposed to be Section 306.5 C Occupancy is not included in the 2021 edition of the IEBC. Please confirm.

2752 (5) In Section 305.4.2, number 7 is added after number 6 as follows: "7. When a
2753 change of occupancy in a building or portion of a building results in a Group R-2 occupancy,
2754 not less than 20% of the dwelling or sleeping units shall be Type-B dwelling or sleeping units.
2755 These dwelling or sleeping units may be located on any floor of the building provided with an
2756 accessible route. Two percent, but not less than one unit, of the dwelling or sleeping units shall
2757 be Type-A dwelling units."

306.5 Change of Occupancy

Existing buildings that undergo a change of group or occupancy shall comply with Section 306.7.

Exception: Type B dwelling or sleeping units required by Section 1108 of the *International Building Code* are not required to be provided in *existing buildings* and *facilities* undergoing a *change of occupancy* in conjunction with *alterations* where the *work area* is 50 percent or less of the aggregate area of the building.

The amendments to Section 705.1 General add some text at the end of Exception #3. However, there is no Exception #3 in the 2021 edition of the IEBC. Can you please clarify where this ad

2767 (7) In Section 705.1, Exception number 3, the following is added at the end of the
2768 exception:
2769 "This exception does not apply if the existing facility is undergoing a change of
2770 occupancy classification."

[BS] 705.1 General

Materials and methods of application used for recovering or replacing an existing roof covering shall comply with the requirements of Chapter 15 of the *International Building Code*.

Exceptions:

1. *Roof replacement* or roof recover of existing low-slope roof coverings shall not be required to meet the minimum design slope requirement of $^1/_4$ unit vertical in 12 units horizontal (2-percent slope) in Section 1507 of the *International Building Code* for roofs that provide positive roof drainage.
2. Recovering or replacing an existing roof covering shall not be required to meet the requirement for secondary (emergency overflow) drains or scuppers in Section 1502 of the *International Building Code* for roofs that provide for positive roof drainage. For the purposes of this exception, existing secondary drainage or scupper systems required in accordance with this code shall not be removed unless they are replaced by secondary drains or scuppers designed and installed in accordance with Section 1502 of the *International Building Code*.

The amendments to Section 1012.7.3 Other Vertical Shafts appear to include the incorrect section reference. We believe the section amended was supposed to be Section 1011.8.3 Other Ve included in the 2021 edition of the IEBC. Please confirm.

2797 (11) In Section 1012.7.3, exception 2 is deleted.

1011.8.3 Other Vertical Shafts

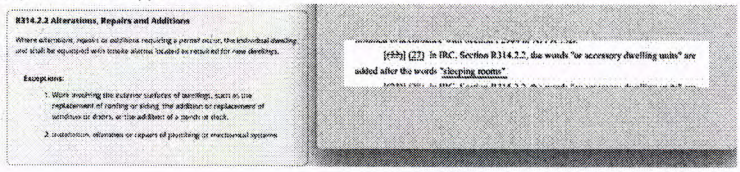
Interior vertical shafts other than stairways, including but not limited to elevator hoistways and service and utility shafts, shall be enclosed as required by the *International Building Code* where there is a *change of use* to a higher-hazard category as specified in Table 1011.5.

Exceptions:

1. Existing 1-hour interior shaft enclosures shall be accepted where a higher rating is required.
2. Vertical openings, other than stairways, in buildings of other than Group I occupancy and connecting less than six stories shall not be required to be enclosed if the entire building is provided with an *approved* automatic sprinkler system.

Residential Code

The amendments to Section R314.2.2 state "the words 'or accessory dwelling units' are added after the words 'sleeping rooms'", but there is no text of "sleeping rooms" in this section. It is ur where this text is supposed to be added?



The amendments to Section R315.2.2 state "the words 'or accessory dwelling units' are added after the words 'sleeping rooms'", but there is no text of "sleeping rooms" in this section. It is ur where this text is supposed to be added?

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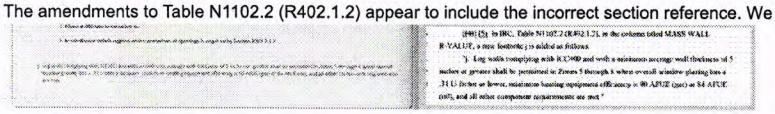
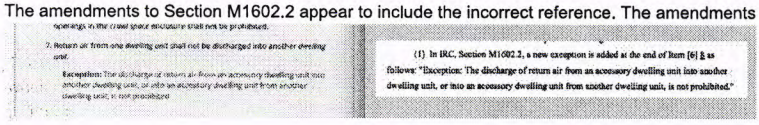
The amendments to Table N1102.2 (R402.1.2) appear to include the incorrect section reference. We believe the section amended was supposed to be Table N1102.1.2 (R402.1.2). Please co



The amendments to Section M1602.2 appear to include the incorrect reference. The amendments state to add at the end of Item #8. However, there is no Item #8 included in Section M1602.



The amendments to Sections P2902.1.2 appear to include the incorrect references. There are three different instances of Section P2902.1.2. Please confirm the numbering of these sections.
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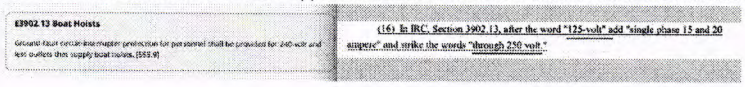
The amendments to Section E3902.13 appear to include the incorrect section reference. We believe the section amended was supposed to be Section E3902.12. Can you confirm?



Utah 2021 IFC amendments

Fire Code

The amendments to the 2021 IFC include two separate amendments to Section 102.5 Application of residential code - both amendments add #3. Can you clarify if they are both supposed to l

(a) IFC, Chapter 1, Section 102.5, is deleted and rewritten as follows:

"102.5 Application of residential code.

If a structure is designed and constructed in accordance with the International Residential Code, the provisions of this code apply only as follows:

1. The construction and design provisions of this code apply only to premises identification, fire apparatus access, fire hydrants and water supplies, and construction permits required by Section 105.7.

2. This code does not supercede the land use, subdivision, or development standards

- 5 -

H.B. 409 **02-06-23 6:09 PM**

established by a local jurisdiction.

3. The administrative, operational, and maintenance provisions of this code apply."

(e) [~~A new~~] In IFC, Chapter 1, Section [~~109.1.1, Application of residential code.~~] 102.5, a new subsection 3. is added as follows:

[~~"109.1.1 Application of residential code.~~]

"3. For development regulated by a local jurisdiction's land use authority, the fire code official's interpretation of this code is subject to the advisory opinion process described in Utah Code, Section 13-43-205, and to a land use appeal authority appointed under Utah Code, Section 10-9a-701 or 17-27a-701."

The amendments to add #5 to Section 607.2 Where Required appear to include the incorrect section reference. We believe the section amended was supposed to be Section 606.2 Where R

(c) [~~In~~] IFC, Chapter 6, Section 607.2, a new exception 5 is added as follows: "5. A Type 1 hood is not required for a cooking appliance in a microenterprise home kitchen, as that term is defined in Utah Code, Section 26-15c-102, for which the operator obtains a permit in accordance with Utah Code, Title 26, Chapter 15c, Microenterprise Home Kitchen Act."

[M] 606.2 Where Required

A Type I hood shall be installed at or above all commercial cooking appliances and domestic cooking appliances used for commercial purposes that produce grease vapors.

Exceptions:

1. Factory-built commercial exhaust hoods that are *listed* and *labeled* in accordance with UL 710, and installed in accordance with Section 304.1 of the *International Mechanical Code*, shall not be required to comply with Sections 507.1.5, 507.2.3, 507.2.5, 507.2.8, 507.3.1, 507.3.3, 507.4 and 507.5 of the *International Mechanical Code*.
2. Factory-built commercial cooking recirculating systems that are *listed* and *labeled* in accordance with UL 710B, and installed in accordance with Section 304.1 of the *International Mechanical Code*, shall not be required to comply with Sections 507.1.5, 507.2.3, 507.2.5, 507.2.8, 507.3.1, 507.3.3, 507.4 and 507.5 of the *International Mechanical Code*. Spaces in which such systems are located shall be considered to be kitchens and shall be ventilated in accordance with Table 403.3.1.1 of the *International Mechanical Code*. For the purpose of determining the floor area required to be ventilated, each individual appliance shall be considered as occupying not less than 100 square feet (9.3 m^2).
3. Where cooking appliances are equipped with integral down-draft exhaust systems and such appliances and exhaust systems are *listed* and *labeled* for the application in accordance with NFPA 96, a hood shall not be required at or above them.
4. A Type I hood shall not be required for an electric cooking appliance where an *approved* testing agency provides documentation that the appliance effluent contains 5 mg/m^3 or less of grease when tested at an exhaust flow rate of 500 cfm (0.236 m^3/s) in accordance with UL 710B.

The amendments to Section 3311.3.1 Temporary road requirements appear to include the incorrect section reference. We believe the section amended was supposed to be Section 3311.1.3.
The amendments to Section 3311.3.2 Reports appear to include the incorrect section reference. We believe the section amended was supposed to be Section 3311.1.3.2 Reports.
The amendments to Section 3311.3.3 Local jurisdictions appear to include the incorrect section reference. We believe the section amended was supposed to be Section 3311.1.3.3 Local juris

[~~3310.1.3~~] 3311.1.3 Type of access. Vehicle access shall be provided by either temporary or permanent roads.

[~~3310.1.3.1~~] 3311.3.1 Temporary road requirements. Temporary roads shall be constructed with a minimum of site specific required structural fill for permanent roads and road base, or other approved material complying with local standards.

[~~3310.1.3.2~~] 3311.3.2 Reports. Compaction reports may be required. An engineer's review and certification of a temporary fire department access road is not required.

[~~3310.1.3.3~~] 3311.3.3 Local jurisdictions. If an improvement completion assurance has been posted in accordance with Section 10-9a-604.5, a local jurisdiction may not require permanent roads, or asphalt or concrete on temporary roads, before final approval of the structure served by the road.

[~~3310.1.4~~] 3311.1.4 Maintenance. Temporary roads shall be maintained until permanent fire apparatus access roads are available.

[~~3310.1.5~~] 3311.1.5 Time line. Temporary or permanent fire department access roads shall be functional before construction above the foundation begins and before an appreciable amount of combustible construction materials are on site."

Thank you very much, Danielle

Danielle Delahanty
UpCodes
danielle@up.codes
Twitter | LinkedIn
UpCodes

Corrections to Title 15A

Line#	Correction that should be made
1472	In IRC, Section 202, the definition for ENERGY STORAGE SYSTEMS (ESS). Is deleted and replaced with the following:
1521	Table R301.2(3)
1542	The amendment should be deleted as the words "sleeping rooms" are not used in the exception.
1544	R311.7.5
1545	R311.7.5.1
1578	The amendment should be deleted as the words "sleeping rooms" are not in the paragraph.
1706	Table N1102.1.2
1731	The word "and" is not in the first sentence. Not sure if the amendment should be deleted.
1768	Change section number to N1103.3.5 (R403.3.5) and delete the word "second".
1781	The section number should be N1103.3.7 (R403.3.7).
1801-1808	This amendment is out of order and should be moved to after line 1818
1840	The number should be changed from 8 to 7.
2099	Amendment should be deleted as it does not apply.
2630	The Table should be Table R402.1.3
2664	The words are not in that section.
2669	Should be the fourth sentence.
2670	Should be the fourth sentence.
2674	Should be Section R403.3.5
2688	Should be Section R403.3.5
2693	Should be Section R403.3.6
2703	Should be Section R403.3.7
2704	Should be Section R403..5.2

2706	Should be Section R403.6.2
2707	Should be Section R403.6
2712	Should be Section R403.6.2
2714	Should be Table R403.6.2
2752	Should read: "A new IEBC Section 306.5.1 is added as follows: "306.5.1
2797	Should be Section 1011.8.3

MINUTES

UNIFORM BUILDING CODE COMMISSION
ELECTRICAL ADVISORY COMMITTEE

Meeting

May 11, 2023 3:00 pm

Convened: 3:20 pm Adjourned: 4:45 pm

STAFF
Stephen Duncombe, Bureau Manager
Sharon Smalley, Board Secretary

ELECTRICAL ADVISORY COMMITTEE MEMBERS

Jason VanAusdal	Art Anderson, Commission, Liaison
Joseph Taft	Steve Woodman
Bryan Romney	Willie Chidester

VISITORS
Ross Ford

MINUTES

A motion was made by Bryan Romney to approve the minutes from the April 14, 2022, meeting as written. The motion was seconded by Joseph Taft and passed unanimously.

REVIEW TITLE 15A-3-206

Jason VanAusdal explained that the committee needed to review the recommendations they made for the electrical portion of the 2021 IRC and the errata that ICC just put out. The Commission received a letter from the Utah Association of Building Officials pointing out that there are now some discrepancies with the amendments and the second printing of the 2021 IRC. The errata added three new sections to Chapter 39.

The committee reviewed these corrections individually. Following a discussion on the three new sections that have been added, a motion was made by Joseph Taft to adopt the submitted document with the exception of line 2101 and 2102 and in place delete the exception in E3902.17. The motion was seconded by Willie Chidester and passed unanimously.

It was pointed out the committee will be down by 4 people at the end of June. This will leave the committee with only two people for the review of 2023 NEC. Those present were asked to reach out to others for resumes to be submitted to the division for appointments to this committee. The committee needs a residential and commercial electrical contractor, residential building inspector, professional engineer-electrical, and a licensed electrician involved in instruction.

The meeting adjourned at 4:45.

Note: These minutes are not intended to be a verbatim transcript but are intended to record the significant features of the business conducted in this meeting. Discussed items are not necessarily shown in the chronological order they occurred.