

Oklahoma Uniform Building Code Commission

AGENDA

Building, Existing Building, and Fire Technical Committee (BEBF)

Monday, April 8, 2019, 10:00 a.m.

Oklahoma Uniform Building Code Commission

2401 NW 23rd, Suite 2F

Oklahoma City, OK 73107

NOTE: The committee may discuss, vote to approve, vote to disapprove, vote to table or decide not to discuss any item on the agenda.

1. CALL TO ORDER AND RECORDING OF MEMBERS PRESENT AND ABSENT:

Robert Zahl, Chairman/Kathy Hehnly

2. CONFIRMATION OF ALTERNATES:

Kathy Hehnly

3. DISCUSSION AND ACTION ITEMS:

- (a) Discussion and possible approval of the March 26, 2019 committee meeting minutes
- (b) Discussion and possible action on 2018 IFC®, Chapter 6, Building Services and Systems
 - 1. Discussion and possible action on Committee Comment Report #93 adding an exception to the 2018 IFC®, Section 607.2, Where required.
 - 2. Approval of Chapter 6, Building Services and Systems
- (c) Discussion and possible action on 2018 IFC®, Chapter 10, Means of Egress
 - 1. Discussion and possible action on Committee Comment Report #94, addressing modifications to be brought forward from the 2015 adoption of the IFC® and IBC® related to Guards on roofs. Committee Comment Report #94, addresses BEBF SCF #'s 30, 31, 32, 33 and 34
 - 2. Approval of Chapter 10, Means of Egress
- (d) Discussion and possible action on 2018 IFC®, Chapter 23, Motor Fuel-Dispensing Facilities and Repair Garages
 - 1. Discussion and possible action on Staff Comment Form #59, Revision #1, addressing the addition of a section to the 2015 IFC®, Section 2307.4.1, Low emission transfer
 - 2. Discussion and possible action on Staff Comment Form #69, Revision #1, addressing a modification made to the 2015 IFC®, Section 2311.7 Repair garages for vehicles fueled by lighter-than-air fuels
 - 3. Discussion and possible action on Staff Comment Form #70, Revision #1, addressing a modification made to the 2015 IFC®, Section 2311.7.1.1, Design
 - 4. Approval of Chapter 23, Motor Fuel-Dispensing Facilities and Repair Garages

- (e) Discussion and possible action on 2018 IFC®, Chapter 39 Processing and Extraction Facilities
 - 1. Discussion and possible action on Committee Comment Form #95, modifying language to the 2018 IFC®, Section 3903.2 Prohibited occupancies and 3903.3 Location; with additional language to be added to Chapter 4 of the 2018 IBC® to create Sections 429, 429.1 General, 429.2 Construction, 429.2.1 Noncombustible construction; 429.2.2 Prohibited Occupancies, 429.2.3 Location, 429.3 Interior Finish, 429.3.1 Plastic, mylar and other thin sheeting, 429.1.1 Installation, 429.4 Emergency power system, and 429.5 Means of egress
 - 2. Discussion and possible action on Committee Comment Form #96, modifying language and adding language to the 2018 IFC®, Section 3903.4 Post-processing purification and winterization, 3903.4.1 Industrial Ovens, and 3903.4.2 Refrigerators, freezers and other cooling equipment
 - 3. Discussion and possible action on Committee Comment Form #97, adding new language to the 2018 IFC®, Section 3903.4.3 Post-processing
 - 4. Discussion and possible action on Committee Comment Form #98, modifying and adding language to the 2018 IFC®, Section 3903.5 Use of flammable and combustible liquids
 - 5. Discussion and possible action on Committee Comment Form #99, modifying and adding language to 2018 IFC® Section 3903.6 Liquefied petroleum gas, 3903.6.1 Release of gas, 3903.6.2 Exhaust, and 3903.6.3 Electrical
 - 6. Discussion and possible action on Committee Comment Form #100, adding new language to the 2018 IFC® as Section 3903.7 Carbon dioxide extraction, 3903.7.1 Storage and handling, 3903.7.2 Gas detection system, and 3903.7.3 Carbon dioxide discharge
 - 7. Discussion and possible action on Committee Comment Form #101, adding new language to the 2018 IFC® as Section 3905.3 Emergency power system.
 - 8. Approval of Chapter 39, Processing and Extraction Facilities
- (f) Discussion and possible action on 2018 IFC®, Chapter 53, Compressed Gases
 - 1. Discussion and possible action on Staff Comment Form #87 addressing errata to Section 5306.2.2 One-hour interior room.
 - 2. Approval of Chapter 53, Compressed Gases
- (g) Discussion and possible action on 2018 IFC®, Chapter 61, Liquefied Petroleum Gases
 - 1. Discussion and possible action on Staff Comment Form #73, Revision #1, addressing a modification made to the 2015 IFC®, Section 6106.2, Overfilling
 - 2. Approval of Chapter 61, Liquefied Petroleum Gases
- (h) Discussion and possible action on 2018 IBC®, Chapter 1, Scope and Administration
- (i) Discussion and possible action on 2018 IBC®, Chapter 2, Definitions
- (j) Discussion and possible action on 2018 IBC® Chapter 3, Use and Occupancy Classification

1. Discussion and possible action on Staff Comment Form #1, addressing the addition of a section to the 2015 IBC®, Section 305.2.4, Seven or fewer children in a detached dwelling, with a correlating change to be made to Chapter 2 Definitions, in the IFC®
2. Discussion and possible action on Staff Comment Form #2, addressing the addition of a section to the 2015 IBC®, Section 305.2.5, Eight to twelve children in a detached dwelling, with a correlating change to be made to Chapter 2 Definitions, in the IFC®
3. Approval of Chapter 3, Use and Occupancy

NOTE: Comment Forms SCF #3 and SCF #3, Revision 1 were addressed during the review of the 2018 IFC® and all action taken will be carried over to the IBC® modifications in this chapter.

- (k) Discussion and possible action on 2018 IBC® Chapter 4, Special Detailed Requirements Based on Use and Occupancy
1. Discussion and possible action on Staff Comment Form #4, addressing a modification made to the 2015 IBC®, Section 406.7.2.1 Canopies used to support lighter-than-air gaseous systems
 2. Discussion and possible action on Staff Comment Form #5, addressing a modification made to the 2015 IBC®, Section 406.7.2.2., Canopies sheltering units and devices that dispense lighter-than-air gas
 3. Discussion and possible action on Staff Comment Form #6, addressing a modification made to the 2015 IBC®, Section 419.1 General
 4. Discussion and possible action on Staff Comment Form #7, addressing a modification made to the 2015 IBC®, Section 419.1.1, Limitations
 5. Discussion and possible action on Staff Comment Form #8, addressing a modification made to the 2015 IBC®, Section 423.1.1, Scope
 6. Discussion and possible action on Staff Comment Form #9, addressing a modification made to the 2015 IBC®, Section 423.3, Critical emergency operations
 7. Discussion and possible action on Staff Comment Form #10, addressing a modification made to the 2015 IBC®, Section 423.4, Group E occupancies
 8. Discussion and possible action on Staff Comment Form #11, addressing the addition of a section to the 2015 IBC®, Section 423.5, Required
 9. Discussion and possible action on Staff Comment Form #12, addressing the addition of a section to the 2015 IBC®, Section 423.5.1, Storm shelter documents
 10. Discussion and possible action on Staff Comment Form #13, addressing the addition of a section to the 2015 IBC®, Section 423.5.2, Signage
 11. Discussion and possible action on Staff Comment Form #14, addressing the addition of a section to the 2015 IBC®, Section 423.5.2.1, Entrance signage
 12. Discussion and possible action on Staff Comment Form #15, addressing the addition of a section to the 2015 IBC®, Section 423.5.3 Roof live load reduction for shelters

13. Discussion and possible action on Staff Comment Form #16, addressing the addition of a section to the 2015 IBC®, Section 423.5.4, Design wind speed
14. Discussion and possible action on Staff Comment Form #17, addressing the addition of a section to the 2015 IBC®, Section 423.5.5, Usable storm shelter floor area
15. Discussion and possible action on Staff Comment Form #18, addressing the addition of a section to the 2015 IBC®, Section 423.5.6, Door operation
16. Discussion and possible action on Staff Comment Form #19, addressing the addition of a section to the 2015 IBC®, Section 423.5.6.1, Additional doors and shutters operation
17. Discussion and possible action on Staff Comment Form #20, addressing the addition of a section to the 2015 IBC®, Section 423.5.7, Height of storm shelter
18. Discussion and possible action on Staff Comment Form #21, addressing the addition of a section to the 2015 IBC®, Section 423.5.8 Additional facilities for storm shelters
19. Discussion and possible action on Staff Comment Form #22, addressing the addition of a section to the 2015 IBC®, Section 423.5.9, Sanitary facilities support systems
20. Discussion and possible action on Staff Comment Form #23, addressing the addition of a section to the 2015 IBC®, Section 423.5.10 Conversion of plumbing systems
21. Discussion and possible action on Staff Comment Form #24, addressing the addition of a section to the 2015 IBC®, Section 423.5.11, First aid kit
22. Approval of Chapter 4, Special Detailed Requirements Based on Use and Occupancy

NOTE: Comment Forms CCF #95 was addressed earlier on this agenda as part of the review of the 2018 IFC® and all action taken will be carried over to the IBC® modifications in this chapter.

- (l) Discussion and possible action on 2018 IBC® Chapter 5, General Building Heights and Areas
- (m) Discussion and possible action on 2018 IBC® Chapter 6, Types of Construction
- (n) Discussion and possible action on 2018 IBC®, Chapter 7, Fire and Smoke Protection Features
- (o) Discussion and possible action on 2018 IBC®, Chapter 8, Interior Finishes
- (p) Discussion and possible action on 2018 IBC®, Chapter 9, Fire Protection Systems

NOTE: Comment Forms SCF #25, 26, 27, and 28 were addressed during the review of the 2018 IFC® and all action taken will be carried over to the IBC® modifications in this chapter.

- (q) Discussion and possible action on 2018 IBC®, Chapter 10, Means of Egress

NOTE: Comment Forms CCR #94 and SCF #'s 30, 31, 32, 33, and 34 were addressed earlier on this agenda as part of the review of the 2018 IFC® and all actions taken will be carried over to the IBC® modifications in this chapter.

- (r) Discussion and possible action on 2018 IBC®, Chapter 11, Accessibility

- (s) Discussion and possible action on 2018 IBC®, Chapter 12, Interior Environment
- (t) Discussion and possible action on 2018 IBC®, Chapter 13, Energy Efficiency
- (u) Discussion and possible action on 2018 IBC®, Chapter 14, Exterior Walls
- (v) Discussion and possible action on 2018 IBC®, Chapter 15, Roof Assemblies and Rooftop Structures
- (w) Discussion and possible action on 2018 IBC®, Chapter 16, Structural Design
 - 1. Discussion and possible action on Staff Comment Form #35, addressing a modification made to the 2015 IBC®, Section 1611.1, Design rain loads.
 - 2. Approval of Chapter 16, Structural Design
- (x) Discussion and possible action on 2018 IBC®, Chapter 17, Special Inspections and Tests
- (y) Discussion and possible action on 2018 IBC®, Chapter 18, Soils and Foundations
 - 1. Discussion and possible action on Staff Comment Form #36, addressing a modification made to the 2015 IBC®, Section 1809.4, Depth and width of footings
 - 2. Approval of Chapter 18, Soils and Foundations
- (z) Discussion and possible action on 2018 IBC®, Chapter 19, Concrete
- (aa) Discussion and possible action on 2018 IBC®, Chapter 20, Aluminum
- (bb) Discussion and possible action on 2018 IBC®, Chapter 21, Masonry
- (cc) Discussion and possible action on 2018 IBC®, Chapter 22, Steel
- (dd) Discussion and possible action on 2018 IBC®, Chapter 23, Wood
- (ee) Discussion and possible action on 2018 IBC®, Chapter 24, Glass and Glazing
- (ff) Discussion and possible action on 2018 IBC®, Chapter 25, Gypsum Board, Gypsum Panel Products and Plasters
- (gg) Discussion and possible action on 2018 IBC®, Chapter 26, Plastic
- (hh) Discussion and possible action on 2018 IBC®, Chapter 27, Electrical
- (ii) Discussion and possible action on 2018 IBC®, Chapter 28, Mechanical Systems
- (jj) Discussion and possible action on 2018 IBC®, Chapter 29, Plumbing Systems
 - 1. Discussion and possible action on Staff Comment Form #37, addressing a modification made to the 2015 IBC®, Section 2902.4.1 Directional signage
 - 2. Approval of Chapter 29, Plumbing Systems
- (kk) Discussion and possible action on 2018 IBC®, Chapter 30, Elevators and Conveying Systems.
- (ll) Discussion and possible action on 2018 IBC®, Chapter 31, Special Construction
- (mm) Discussion and possible action on 2018 IBC®, Chapter 32, Encroachments into the Public Right-of-Way
 - 1. Discussion and possible action on Staff Comment Form #38, addressing a modification made to the 2015 IBC®, Section 2301.3, Other laws

- 2. Approval of Chapter 32
- (nn) Discussion and possible action on 2018 IBC®, Chapter 33, Safeguards During Construction

NOTE: Chapter 34 has been reserved for future use

- (oo) Discussion and possible action on 2018 IBC®, Chapter 35, Referenced Standards
- (pp) Discussion and possible action on 2018 IBC®, Appendices
 - 1. Discussion and possible action on Staff Comment Form #39, addressing a modification made to the 2015 IBC®, Section N101, General
 - 2. Discussion and possible action on Staff Comment Form #40, addressing a modification made to the 2015 IBC®, Section N102, Critical emergency operations
 - 3. Discussion and possible action on Staff Comment Form #41, addressing a modification made to the 2015 IBC®, Section N103, Group E occupancies
 - 4. Acknowledgment and approval of IBC® Appendices
- (qq) Discussion and possible action on public comment forms received to date, if any:

4. PUBLIC COMMENTS (limited to 3 minutes each):

5. ADJOURNMENT

Mission Statement

The mission of the Oklahoma Uniform Building Code Commission is to establish minimum statewide codes affecting or relating to the built environment for the protection of life and property, to be utilized throughout the state, assuring public health, safety, and welfare.