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HOSPITAL BUILDING SAFETY BOARD Codes and Processes Committee

**Monday, August 14, 2023
10:00 a.m. – 4:00 p.m.**

Teleconference Meeting Access:

[HBSB Teams CAP Committee](#)

Access Code: 677-065-770

Committee Members Present

Michael O'Connor, Committee Chair
Jim Malley, Vice Chair
Cody Bartley
Scott Jackson
Scott Mackey

Consulting Members Present

Mark Hershberg
Kelly Martinez

HBSB Staff Present

Will Owen
Evet Torres

HCAI Staff Present

Chris Tokas
Arash Altoontash
Richard Tannahill
Brett Beekman
Larry Enright
Mike Hooper
Roy Lobo
Mia Marvelli
Diana Navarro
Carl Scheuermann
Jamie Schnick
Nanci Timmins
John Gray

1. Call to Order and Welcome

- Michael O'Connor, Committee Chair, called the meeting to order on August 14, 2023, at 10:00 a.m., and Acting Executive Director Will Owen called roll.

1 **2. Roll Call and Meeting Advisories/Expectations**

2 Seven members of the Committee present constitute a quorum. There being seven
3 present at the time of roll, a quorum was established.

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5 Mr. Owen read the public announcement regarding COVID-19, meeting rules and
6 procedures.

7
8 **3. Review and approve the draft May 9, 2023, meeting report/minutes**

9 **Presenter:** Michael O'Connor, Committee Chair

10
11 **Discussion and Input**

12 Mr. O'Connor gave a brief review of the May 4, 2023, meeting.

13
14 Mr. O'Connor noted a correction on page 3 of 5, where there was a contradiction
15 between line 3 and line 5, line 5 had to be stricken because the California amendments
16 for hospital microgrids were removed.

17
18 **MOTION: [Malley/Bartley]**

19 The committee unanimously voted to approve the May 9, 2023, meeting reports/minutes
20 as amended.

21
22 **Informational and Action item**

- 23 • None

24
25 **4. California Building Standard Code Revision for the 2022 Intervening Code**
26 **Cycle**

27 **Presenter:** Richard Tannahill, HCAI

28
29 **Discussion and Input**

30
31 Ms. Marvelli stated that the California Building Standard Commission (CBSC) approved
32 all proposed HCAI code changes during their meetings in June and August, 2023.

33
34 Ms. Marvelli provided the following due dates: February 2024 for mechanical and
35 plumbing code, and May 2024 for all other submittals.

36
37 Ms. Marvelli mentioned that a coordinating council meeting was scheduled by the CBSC
38 on September 28, 2023.

1 Mr. Schnick gave the California Electrical Code (CEC) 2024 Code Cycle Triennial
2 updates:

- 3 • Article 517 amended definitions relocated to Article 100
 - 4 ▪ Microgrid, Health Care (Health Care Microgrid systems)
 - 5 ▪ Oxygen-generating devices
 - 6 ▪ Added text definitions for clarity for category 1 and category 2 patient bed
 - 7 space.
- 8 • Article 89
 - 9 ○ General text revision; the word “health” replaced by “hospital” throughout.
 - 10 ▪ Added in the OSHPD 6 designation for chemical dependency and
 - 11 recovery hospital buildings.
- 12 • New Articles added: 235, 245, 305, 315, 495, 355, 369, article 371, 512, 722,
- 13 724, and 726.
- 14 • Article 220 Branch-Circuit, Feeder, and Service Load Calculations – OSHPD
- 15 amendments removed as model code added some demand factors.
- 16 • Article 406 Receptacles in Damp or Wet Locations – addition of a new
- 17 requirement for section of 210.52 which is specific to residential.
- 18 • 517.1 – clarification for documentation required for specific seismic certification.
 - 19 ▪ 517.4 Feeders and Services – new section added stating that one source
 - 20 or set of sources shall be sized to supply the entire healthcare facility and
 - 21 shall be permitted to be located on-site or off-site.
 - 22 ▪ 517.10 Applicability – “Not adopted by OSHPD,” to be removed.
 - 23 ▪ 517.12 Wiring methods – Relocate OSHPD section that prohibits panels in
 - 24 patient care rooms from 517.12(A) to 517.7, moving out of part II.
 - 25 ▪ 517.18 Category 2 spaces – exception number 3 not applicable.
 - 26 ▪ 517.22 (OSHPD 1, 2, 3, 4 & 5) Artificial Lighting– Renumbering to
 - 27 coordinate with NFPA 70 and move out of part II
 - 28 ▪ 517.24 (OSHPD 1, 2, 3, 4 & 5) Mobile Medical Facilities – Renumbering to
 - 29 move out of part II
 - 30 ▪ 517.30 Sources of Power – language change to adopt all forms of onsite
 - 31 power generation.
 - 32 ▪ 517.31 Requirements for Essential Electrical System – Delete
 - 33 unnecessary OSHPD Amendments.

- 517.41 Requirements Power Sources – OSHPD Amendment to replace NFPA 70 language.
- 517.44 Connection to Equipment Branch – corrected typo that said critical to equipment.
- 517.45 Essential Electrical Systems for Other Health Care Facilities – Delete previous OSHPD revisions that required an emergency generator for Ambulatory Surgical Clinics.
- 517.63 Grounded Power Systems in Anesthetizing Locations – Added requirement for light fixtures in anesthetizing locations (including ORs) to have 90 minute battery back-up to match NFPA 99 requirements.
- 517.80 Patient Care Spaces – clarified that other than life safety loads, if Power over Ethernet lighting is utilized, that wiring does not need to be mechanically protected.
- Article 700.12 General Requirements – getting rid of the fuel storage that was in 700 because it was relocated to 517.

Mr. O'Connor asked if HCAI could factor in solar energy to reduce fuel requirements by calculating the value of solar energy with backup power. Mr. Schnick said they could use the emergency power because the code allows for prudent demand factors.

Mr. Mackey asked about the status and timeline for final coordination approvals with the State Fire Marshal. Mr. Schnick said he would be collaborating with the State Fire Marshal until February 2024.

MOTION: [Bartley/Jackson]

The committee unanimously voted to accept the proposed amendments to the Electrical Code for the 2024 code cycle.

Informational and Action item

- None

5. Comments from the public/committee members on issues not on this agenda

Presenter: Michael O'Connor, Committee Chair

Future Codes and Processes Committee meeting is scheduled for October 17, 2023.

1 **Discussion and input**

- 2 • None

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4 **6. Adjournment**

5 Mr. O'Connor adjourned the meeting on August 14, 2023, at approximately 10:58 a.m.