Part 1 - California Administrative Code (CAC)

NPC-2
- If a building is non-NPC-2 compliant - No building permit after January 1, 2020 except:
  - Seismic compliance
  - Maintenance
  - Emergency repairs

141 buildings at 28 facilities are NPC-1
NPC-2 required by January 1, 2002 – 16 years, 9 months overdue
NPC Deadlines

- By **January 1, 2024**, the hospital owner shall submit to the Office a complete nonstructural evaluation up to NPC 4 or 4D and NPC 5, for each building to remain in acute care service beyond January 1, 2030.

- By **January 1, 2026**, the hospital owner shall submit to the Office construction documents for NPC 4 or 4D or NPC 5 compliance, that are deemed ready for review by the Office, for each building to remain in acute care service beyond January 1, 2030.
NPC Deadlines

- By **January 1, 2028**, the hospital owner shall obtain a **building permit** to begin construction for NPC-4 or NPC-4D and NPC-5 for each building to remain in acute care service beyond January 1, 2030. Hospitals not meeting this deadline shall not be issued a building permit except for:
  - Seismic compliance
  - Maintenance
  - Emergency repairs

- Hospitals must be NPC 4D or NPC 4 **and** NPC 5 **by 2030**
NPC work to be included in remodels/renovations

- After **January 1, 2028**, buildings with NPC rating less than 4, all remodels/renovations, or other construction work, shall include anchorage and/or bracing of all equipment and services within the boundary of the scope of work that is not in compliance with NPC 4.

**Don’t forget the exceptions!**
Exception 1: Remodels/renovations, or other construction work, that remove a room or space from service use or occupancy for less than 24 hours.

Exception 2: Where 20% or less of the affected existing construction, such as ceilings, walls, ducts, but independent of finishes, is removed to access equipment and services for anchorage/bracing may be reinstalled as it pre-existed prior to the NPC work, as long as it was in compliance with the code at the time it was installed/constructed.

Exception 3: Buildings that have been removed from general acute care service, or have projects to remove the building from acute care services by 2030.
Another exception

- Services/systems and utilities for SPC-1 or SPC-2 hospital buildings are permitted to pass through or under a building that has been removed from acute care hospital service only if:
  - The building removed from GAC service remains under the jurisdiction of OSHPD
  - The Services/system and utilities only support SPC-1 or 2 Buildings where no critical care hospital functions occur
  - SPC 1 or SPC 2 buildings must be NPC 2 and be served with essential power from a conforming building or source which does not pass through or under a building removed from acute care services
  - The SPC 2 building must be removed from acute care service no later than January 1, 2026
## Part 1 - California Administrative Code (CAC)

### Seismic Compliance Deadline

<table>
<thead>
<tr>
<th>SPC Rating</th>
<th>January 1, 2020</th>
<th>January 1, 2024</th>
<th>January 1, 2030</th>
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<tbody>
<tr>
<td>SPC-1</td>
<td>NPC-2, Remove GAC Services by 2020</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPC-2 (Remove Acute Care Services by 2030)</td>
<td></td>
<td>NPC-2</td>
<td></td>
</tr>
<tr>
<td>SPC-2 (Upgrade to SPC-4D or 5 by 2030)</td>
<td>NPC-2</td>
<td>NPC-3</td>
<td>NPC-4 or 4D &amp; 5</td>
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<tr>
<td>SPC-4D</td>
<td>NPC-2</td>
<td>NPC-3</td>
<td>NPC-4 or 4D &amp; 5</td>
</tr>
<tr>
<td>Pre-83 SPC-3 &amp; SPC-4</td>
<td>NPC-2</td>
<td>NPC-3</td>
<td>NPC-4 or 4D &amp; 5</td>
</tr>
<tr>
<td>Post 83 SPC-3, SPC-4 &amp; SPC5</td>
<td>NPC-2</td>
<td>NPC-3</td>
<td>NPC-4 or 4D &amp; 5</td>
</tr>
</tbody>
</table>

### Facilities Development Division

**Office of Statewide Health Planning and Development**
Revisions to NPC-3

- Bracing of ceilings less than 300 sq. feet not in critical care spaces is exempt. Use of preapproved details for bracing is permitted.

- Wall or floor mounted cabinets need not be braced unless they are in a patient care vicinity or could block a means of egress.

- Supports for elevator guide rails need not comply with the requirements of Part 2, Title 24.

- Tanks and vessels should be adequately strapped and have flex connections capable of 12” movement, instead of rigid anchorage.

- Load path check may be limited to the connection of equipment to support if magnitude of load less than certain limits.
NPC-4D

- Added new seismic non-structural performance category for hospital buildings upgraded to this level to provide acute care functions beyond 2030
  - New dates associated with new category
  - Three levels
  - **Operational Plan** required
    - *Nonstructural Performance Category 4D Operational Plan (Operational Plan) for Levels 1, 2, and 3 areas required for continuous operations.* For minimum compliance with NPC 4D the facility must prepare an owner-approved Operational Plan specifying how it will repair nonstructural damage and bring systems and services back on line, or provide them in an alternative manner to accommodate continuation of critical care operations.
Part 1 - California Administrative Code (CAC)

Level 1
- All systems and equipment required to comply with **NPC-3**

Level 2
- **All services and utilities from the source to Level 1 areas** necessary to accommodate continuation of operations after an event. These services are anchored and braced, and shall include elevator(s) selected to provide service to patient, surgical, obstetrical, and ground floors during interruption of normal power needed

Level 3
- Level 3 includes Level 2, and all systems and equipment are anchored and braced so that **additional services, as determined by the hospital** in its Operational Plan, are functional and available to the public after a seismic event
California Energy Code

- Adoption of the California Energy Code requirements for health care facilities
- Building Energy Efficiency Program required for projects involving:
  - A. HVAC systems efficiencies.
  - B. Indoor lighting systems efficiencies.
  - C. Water heating systems efficiencies.
  - D. Building envelope considerations.

Hospital Inspectors

- Updated minimum qualifications for hospital inspector examination
- Added certification by the International Code Council (ICC) in all four categories specified as qualifying experience
Part 2 - California Building Code (CBC)

OSHPD-1
- Realignment making this designation specific to facilities providing “General Acute-Care Hospital” services

OSHPD-1R
- Assigned to hospital buildings that have been “removed” from acute-care service

OSHPD-2
- Applicable to all Skilled Nursing Facilities regardless of number of stories or construction type, for closer alignment with model code (IBC)

OSHPD-5
- Assigned to Acute-Psychiatric Hospitals as distinct from General Acute-Care Hospitals
Part 2 - California Building Code (CBC)

OSHPD-1R
- Non-conforming SPC or free-standing hospital building removed from acute care service
- Requires a “Remove From Acute Care” project for reclassification

OSHPD-2 – Skilled Nursing SPC or free-standing building

OSHPD-5 – Acute Psychiatric SPC or free-standing building

“I” factor is based on number of patients, not number of stories
- Less than 50 – I = 1.0
- 50 or more – I = 1.25
- May divide into separate buildings with seismic/structural separation
Definitions
- Revised definitions and anchorage/restraint requirements for equipment
  - Fixed
  - Movable
  - Mobile

Staff toilets
- The number of staff toilets provided in a health facility shall comply with the requirements of the California Plumbing Code Table 4-2 and 4-3. When staff toilet rooms are required to be dedicated to a specific Service Space, the number of staff toilet rooms provided under the California Plumbing Code shall be based upon the number of staff within the specific Service Space served. Satellite service spaces do not require dedicated toilet rooms
Clinical Laboratory
- Re-structured service space requirements for clarity and closer alignment with Title 22, promulgated by the California Department of Public Health

Pharmacy
- Re-structured service space requirements for clarity and alignment with Title 16, Sections 1735 and 1751 promulgated by the California Board of Pharmacy, and US Pharmacopeia Chapters <797> and <800> for sterile compounding
- Less than 100 beds = Drug Room Permit Option
Outpatient Observation Units

- Added new section in response to new codified language in California Health & Safety Code Section 1253.7 for observations units located outside of the Emergency Department

I-2 (with restraint)
Allow Class I Flooring

Surgical Suite
- Staff Changing Areas – Flow Improvement

1988 - 2001 CBC
(effective thru 12/31/2006)

110 sf
(3 feet clear @ sides and foot of bed)

80 sf / bed
(3 feet clear between beds & 4 feet @ foot of bed)
Chapter 34A

- Repeal existing state chapter for existing buildings and relocate the requirements to the California Existing Building Code (see Part 10)
Ventilation Table 4-A

- Clarification of various room ventilation requirements, and pressure differential requirements for closer alignment with ASHRAE 170

- Allow use of ASHRAE 62.1 for non-patient rooms/areas not covered in ASHRAE 170
NICU
- Neonatal intensive care formula preparation room ventilation requirements aligned with the California Department of Public Health

Compounding rooms
- Added language relative to sterile compounding rooms for alignment with the California Board of Pharmacy and USP Chapters <797> and <800>.
Compounding rooms

- Add restriction of floor drains in compounding rooms for alignment with USP <797> and <800>.
Part 10 - California Existing Building Code (CEBC)

Chapters 3A, 4A and 5A
- Creation of new state chapters in the CEBC for OSHPD-1 buildings
- Relocated related existing amendments from Chapter 34A of the CBC
Repurposing Hospital Buildings

A One-Day Seminar

FOCUS:

Intro to OSHPD 1R
- What is it?
- How to move from OSHPD 1 to OSHPD 1R?
- What's required?

Removal of Acute Care Services (RACS)
- What's involved?
- What's the impact?
- RACS or Upgrade?

2019 Code Changes
- 2019 CBC Parts 1 and 10
- Model Code
- NPC 40

Repurposing Hospital Buildings
- Real Case Studies
  ➢ SPC-2
  ➢ Nursing Units
  ➢ And more!

SEMINAR INFORMATION:

$165 per person includes breakfast & buffet lunch & morning and afternoon refreshments.
8:30 am–4:00 pm. Registration & breakfast: 7:30–8:30 am (schedule includes one-hour lunch)

Thursday, November 8th
Embassy Suites Santa Ana
1325 E. Dyer Rd.
Santa Ana, CA
(714) 241-3800

Wednesday, November 14th
Biltmore Hotel Santa Clara
2151 Laurelwood Rd.
Santa Clara, CA
(408) 989-8411