

OSHPD AMENDMENTS PROPOSED FOR THE 2016 CALIFORNIA BUILDING STANDARDS CODE



Part 1 CAC
Part 2 CBC
Part 3 CEC
Part 4 CMC
Part 5 CPC

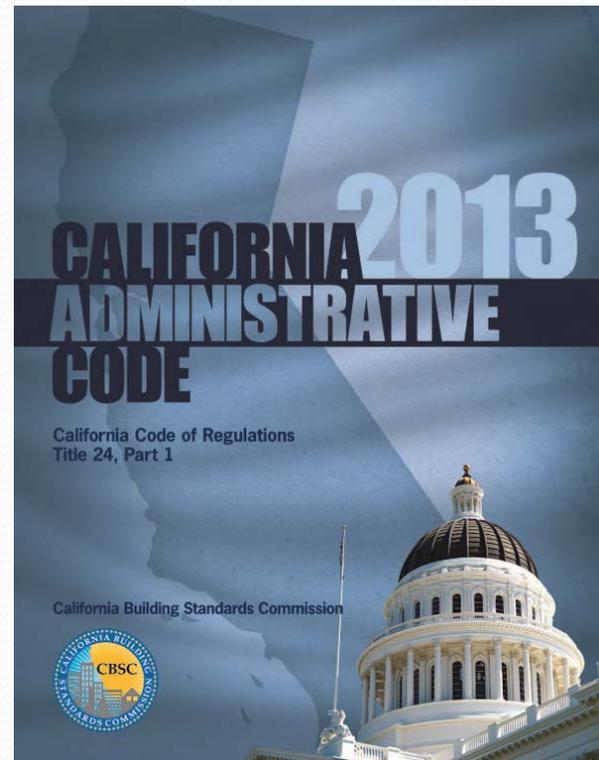
Hospital Building Safety
Board

May 6, 2015

Building Standards Unit
Facilities Development Division

Title 24 – Part 1

California Administrative Code



Title 24 – Part 1

California Administrative Code

7-125 Final Construction Documents

Listed minimum content for Architectural, Structural, Mechanical and Electrical Drawings

7-131 Incremental Design, Bidding and Construction

Provide estimated cost associated with each increment of an Incremental Project as part of a master plan

7-133 Fees

Filing fee for ACDs; Fees for Incremental Projects; Examination Fees for change in SPC/NPC rating, Value Engineering AMCs, and ACDs for change in scope.

Title 24 – Part 1

California Administrative Code

7-141 Administration of Construction

Clarification on responsibility of TIOs relative to Design Professionals.

7-144 Inspection

Requirement for designation of a “Lead IOR” when there are multiple IORs on a project.

7-149 Tests

Amended language to reference “construction” documents instead of “contract” documents.

Title 24 – Part 1

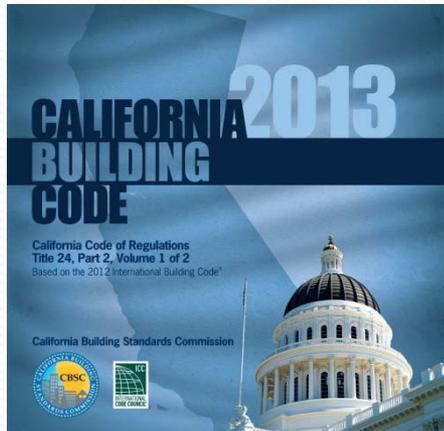
California Administrative Code

7-153 Amended Construction Documents

- Retitled the section as “Changes to the Approved Work”
- Discretionary allowance for the Office to accept change(s) in scope of work due to activities such as “Value Engineering” under the ACD examination process in lieu of applying for a new project.

Title 24 – Part 2

California Building Code



1224.4 GENERAL CONSTRUCTION

- Relocate various support areas for common reference

1224.16 ANESTHESIA SERVICE SPACE

- Restructure perioperative support for clarification

1224.28 SUPPLEMENTAL SURGERY SERVICES

- Add Hybrid Operating Rooms and ECT rooms

1224.28.6 ELECTROCONVULSIVE THERAPY

- Add Section 1224.28.6 ECT Therapy Service Space

1224.33 EMERGENCY SERVICE

- Reformat into three tiers: Standby; Basic; and Comprehensive Emergency Medical Service for better alignment with Title 22 and with FGI *Guidelines*

1224.34 NUCLEAR MEDICINE

- Add sections to cover: Scintigraphy (Gamma Camera) Facilities; Positron Emission Tomography (PET); Single-Photon Emission Computed Tomography (SPECT); and Radiosurgery (Cyber-Knife) Suites.

1224.39 OUTPATIENT SERVICE SPACE

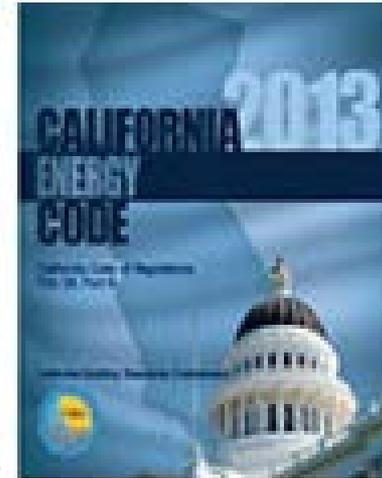
- Add Section 1224.39.5 Hyperbaric Therapy Service Space

1224.2 [OSHPD 1] SCOPE

1224.2 Application

Added California Energy Code (Part 6) to the provisions of the CBSC with which health facilities must comply.

Also



CBC 101.4.6 Energy (*Provisions of the California Energy Code*)

Repeal Exception for **[OSHPD 1, 2, & 4]**

Part 6 excludes “I Occupancies” and buildings that are predominantly “I Occupancy,” other occupancies have always been required to comply, by statute and by other parts of the CBSC.

1224.3 DEFINITIONS

1224.3 DEFINITIONS (Added applicability language)

Clear dimension

Location terminology

In

Directly accessible

Adjacent

Immediately accessible

Readily accessible

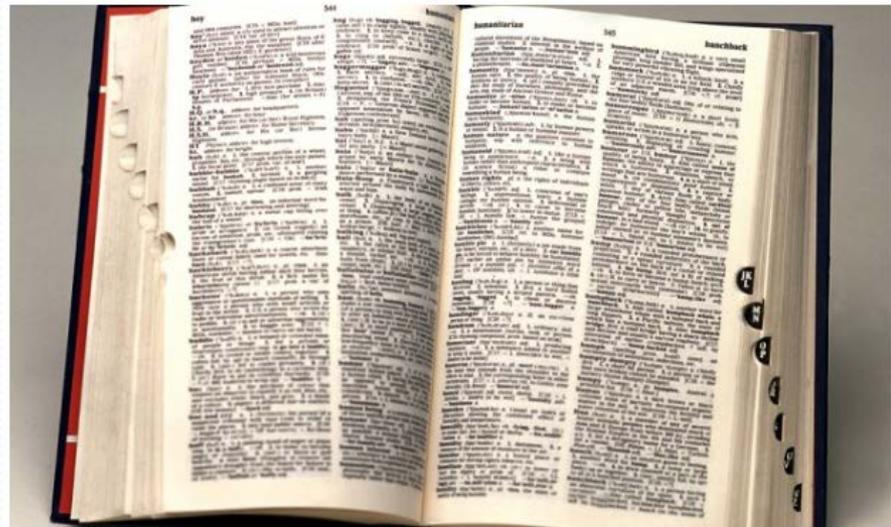
Patient care locations

Bay (patient)

Cubicle

Patient care station

Room



1224.4 GENERAL CONSTRUCTION

Sections relocated from 1224.14 (*NURSING SERVICE SPACE*) to
GENERAL CONSTRUCTION

1224.4.4 Support areas for patient care

1224.4.4.2 *Administrative centers or nurse stations*

1224.4.4.4 *Medication station*

1224.4.4.4.1 *Medicine preparation room.*

1224.4.4.4.2 *Self-contained medication dispensing unit.*

1224.4.4.5 *Nourishment area*

1224.4.4.6 *Clean utility/work room*

1224.4.4.6.1 *Clean supply room.*

1224.4.4.7 *Soiled utility/work room*

1224.4.4.7.1 *Soiled holding room.*



1224.4 GENERAL CONSTRUCTION

1224.4.6.3 Hyperbaric facilities. (Pointer to 1224.39.5)

Table 1224.4.6.1 Station Outlets (Med Gas)

Endoscopy procedure room

Hyperbaric suite

Interventional Imaging

Electroconvulsive Therapy room



Table 1224.4.6.5 Location Of Nurse Call Devices

Reformat table and update consistent with FGI Guidelines

1224.4.7 Corridors – Connections

1224.4.7.5.1 Departmental boundaries

1224.4.9.1 Windows (NICU clarification)

1224.16 ANESTHESIA/RECOVERY SERVICE SPACE

Preoperative Section to be relocated from 1224.15
to 1224.16

1224.16.1 General (perioperative services)

1224.16.2 Preoperative patient care area

1224.16.3 Recovery and Post-Anesthesia Care Unit (PACU)

1224.16.5 Support areas for patient care

Nurse station, clinical sink, medication station, ice, storage.

1224.16.6 Support areas for staff

1224.16.7 Support areas for patients, families, and visitors.

1224.16.7.1 Waiting area.

1224.16.7.2 Patient change area. (If outpatient procedures provided)





1224.18 RADIOLOGICAL/DIAGNOSTIC IMAGING SERVICE SPACE

1224.18 (Added General requirements for Imaging Service Space)

1224.18.2 *Interventional angiography procedures*

Pointer to interventional imaging requirements (1224.28.4) in Supplemental Surgery and Special Procedures

1224.18.3.2 *Intraoperative computerized tomography (CT)*

Pointer to hybrid operating rooms (1224.28.5) in Supplemental Surgery and Special Procedures

1224.18.4.6 *Intraoperative magnetic resonance imaging (MRI)*

Pointer to hybrid operating rooms (1224.28.5) in Supplemental Surgery and Special Procedures

1224.28 SUPPLEMENTAL SURGERY AND SPECIAL PROCEDURE SERVICES

1224.28.4 *Interventional imaging.* (Image-guided interventional procedures performed in procedure rooms)

1224.28.4.1 *Space requirements*

1224.28.4.2 *Pre-procedure and recovery*

1224.28.4.3 *Interventional MRI facilities*

1224.28.4.4 *Control room or area*

1224.28.4.5 *Emergency response space*

1224.28.4.6 *Scrub facilities*

1224.28.4.7 *Medication station*

1224.28.4.8 *Reading room*

1224.28.4.9 *Electrical equipment room.*

1224.28.4.10 *Clean utility room*

1224.28.4.11 *Soiled workroom*

1224.28.4.12 *Housekeeping*

1224.28.4.13 *Staff changing areas*



1224.28 SUPPLEMENTAL SURGERY AND SPECIAL PROCEDURE SERVICES

1224.28.5 Hybrid Operating Rooms (Surgical procedures supported by intraoperative imaging modalities)

1224.28.5.1 Space requirements

1224.28.5.2 Control room

1224.28.5.3 Imaging equipment room

1224.28.5.4 Radiation protection

1224.28.5.5 Requirements for specific types of hybrid operating rooms.

1224.28.5.5.1 CT (Interventional Computed Tomography)

1224.28.5.5.2 iMRI (Interventional MRI)

1224.28.5.5.3 Vascular imaging

1224.28.5.6 Pre-procedure and recovery



1224.28 SUPPLEMENTAL SURGERY SERVICES

1224.28.6 *Electroconvulsive Therapy* (ECT, when provided)

1224.28.6.1 *General*

1224.28.6.2 *ECT procedure room*

1224.28.6.3 *Pre-procedure and recovery area*

1224.28.6.4 *Emergency equipment storage*

1224.28.5 *Patient support areas*





1224.33 EMERGENCY SERVICE

1224.33.1 Definition.

Added language to the definition of the emergency service space for clarification

Three levels of Emergency Medical Service:

Standby Emergency Medical Service, Physician on Call;

Basic Emergency Medical Service, Physician on Duty; and

Comprehensive Emergency Medical Service

1224.33.2 STANDBY EMERGENCY SERVICE

1224.33.2 Standby Emergency Medical Service



1224.33.3 BASIC EMERGENCY SERVICE

1224.33.3 Basic Emergency Medical Service. ... At a minimum, all the provisions of Standby Emergency Service under Section 1224.33.2 and the following shall be provided...

1224.33.4 COMPREHENSIVE EMERGENCY SERVICE

1224.33.4 *Comprehensive Emergency Medical Service. ... At a minimum all the provisions of Standby Emergency Service under Section 1224.33.2, Basic Emergency Service under Section 1224.33.3 and all of the following shall be provided...*

1224.33.4.1 *Triage stations.*

1224.33.4.2 *Fast-track area.*

1224.33.4.3 *Pre-screening stations.*

1224.33.4.4 *Diagnostic service areas.*

1224.33.4.5 *On-call rooms.*

1224.33.4.6 *Police and press room.*



1224.33 EMERGENCY SERVICE

1224.33.5 *Other space considerations*

1224.33.5.1 *Observation units.*



1224.34 NUCLEAR MEDICINE

1224.34.1.2 Nuclear medicine room

1224.34.1.2.1 Scintigraphy (Gamma Camera) Facilities

1224.34.1.2.2 Positron Emission Tomography (PET)

1224.34.1.2.3 Single-Photon Emission Computed Tomography (SPECT) Facilities

1224.34.2 Support areas for nuclear medicine services

1224.34.2.6 Pre-procedure/ Holding Area

1224.34.2.14 Hot lab for Scintigraphy, PET, and SPECT



1224.34 NUCLEAR MEDICINE

1224.34.3 Radiotherapy service space

1224.34.3.3 Room sizes (Clarified criteria)

1224.34.5 Additional support areas for cobalt room

1224.34.5.1 Hot lab (Added pointer)

1224.34.6 Radiosurgery suite (Gamma knife & Cyber knife)

1224.34.6.1 General

1224.34.6.2 Radiosurgery treatment rooms

1224.34.6.3 Pre-procedure/recovery accommodations

1224.34.6.4 Support areas for radiosurgery treatment rooms

1224.39 OUTPATIENT SERVICE SPACE

1224.39.5 HYPERBARIC THERAPY SERVICE SPACE (Oxygen therapy service)

1224.39.5.1 General

1224.39.5.2 Hyperbaric chambers

1224.39.5.2.1 Class A chamber
(multi-place facilities)

1224.39.5.2.2 Class B chamber
(mono-place facilities)



1224.39.5.3 Pre-procedure patient holding area(s)

1224.39.5.4 Medical gas station outlets

1224.39.5.5 Support areas for the hyperbaric suite

1224.39.5.6 Support areas for staff

1224.39.5.7 Support areas for patients

1225 [OSHPD 2] SKILLED NURSING FACILITIES

1225.5.1 MEDICAL MODEL

1225.5.1.2 NURSING SERVICE SPACE

1225.5.1.2.1 Patient bedrooms. (Amend language to agree with language in 1224.14)



1226 [OSHPD 3] CLINICS

1226.5 OUTPATIENT SERVICES OF A HOSPITAL

1226.5.14 Hyperbaric therapy service space (Point to the same sections in Section 1224.39.5)

1226.5.14.1 General

1226.5.14.2 Treatment area

1226.5.14.3 Hyperbaric chambers

1226.5.14.4 Pre-operative patient holding (areas)

1226.5.14.5 Medical gas station outlets

1226.5.14.6 Support areas for the hyperbaric suite

1226.5.14.7 Support areas for staff

1226.15.14.8 Support areas for patients

1226 [OSHPD 3] CLINICS

1226.6 PRIMARY CARE CLINICS

1226.6.1.3 Dental examination and treatment areas

1226.6.1.3.1 Area

1226.6.1.3.2 Pediatric patients

1226.6.1.3.3 Handwashing

1226.6.1.3.4 Imaging

1226.6.1.4 Oral surgery

1226.6.2.6 Sterilization area

1226.6.2.7 Laboratory



1226 [OSHPD 3] CLINICS

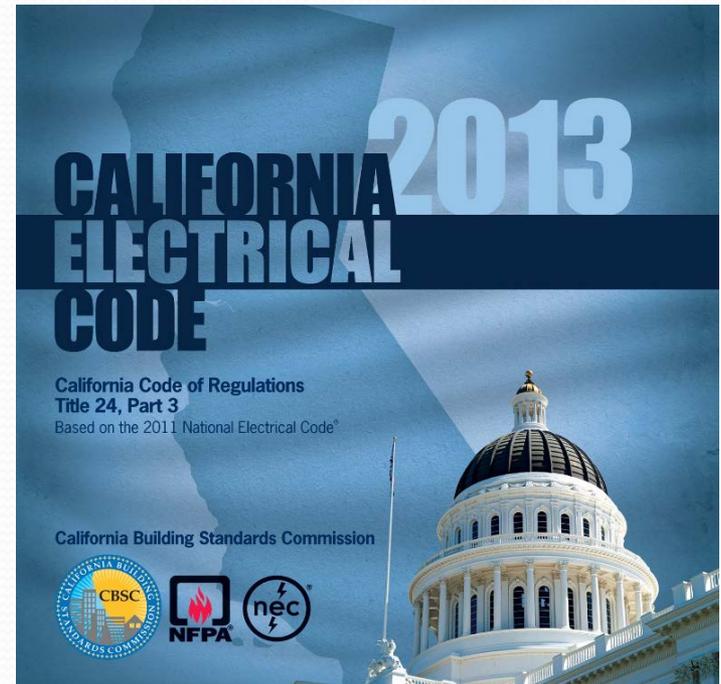
1226.8 SURGICAL CLINICS

1226.8.1.2 Perioperative services (Pointer to revised Section 1224.16)



Title 24 – Part 3

California Electrical Code





Article 352 Rigid Polyvinyl Chloride Conduit

352.12. Uses Not Permitted.

Repeal amendment for [OSHPD 1, 2, 3 & 4] for PVC conduit use which was inadvertently added to the 2010 CEC.

Amendment is not necessary.



Article 517 Health Care Facilities

517.2 Definitions

Patient Care Space

Amended to respond to changes in the NEC

517.19 (B) Critical Care Areas – Patient Bed Locations

Receptacles

Repealed – no longer necessary due to changes in the NEC

517.30 (B) Essential Electrical Systems for Hospitals –

General

Renumbering and editorial changes due to changes in the NEC



Article 517 Health Care Facilities

517.30 (D) Essential Electrical Systems for Hospitals – Capacity of Systems

Editorial changes due to changes in the NEC

517.123 [OSHPD 1, 2, 3 &4] Call system.

(B) Patient Stations

Added *Exception* that two-way voice communication is not required at skilled nursing bed locations.

When not provided, resetting at the calling station shall be required.



Article 700 Emergency Systems

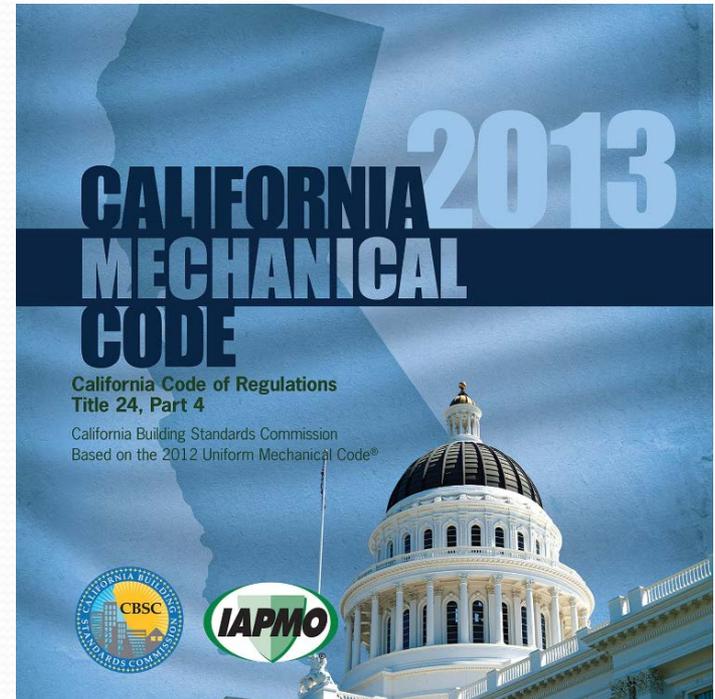
700.3 Tests and Maintenance

(A) Conduct or Witness Test.

Renumbering editorial changes due to changes in the NEC
Specific editions of NFPA 99 & NFPA 110 repealed for
consistency with CBC and CFC Reference Standards as
adopted by the State Fire Marshal.

Title 24 – Part 4

California Mechanical Code



Chapter 3 General Requirements

Numerous sections

Renumbering due to changes in the UMC

~~325.1.1~~ 320.1.1 (*Air Conditioning and Heating systems*)

Added requirement for humidifiers to use dry steam

~~325.1.2~~ 320.1.2 (RE: area heating not shown on Table ~~325.0~~ 320.0)

Revised ASHRAE references to “most recent edition)

~~325.1.3~~ 320.1.3 (RE: area cooling not shown on Table ~~325.0~~ 320.0)

Revised ASHRAE references to “most recent edition)

Table ~~325.0~~ 320.0 Heating, Cooling & Relative Humidity

Revised Table to reflect revisions made to ASHRAE 170



Chapter 4 Ventilation Air Supply

Various Sections

Removed the edition year from ASHRAE standard references

407.4.1.4 (*Air Circulation*)

Added allowance for plenum return in OSHPD 3 facilities in certain areas

408.1.5 (*Filters*)

Added reference to ASHRAE Handbook for “dry steam.”

Table 4-A & 4-B (*Pressure/Ventilating req's and Filter req's*)

Added Hybrid O.R., ECT, and Interventional Imaging rooms



Chapter 6 Duct Systems

Various Sections

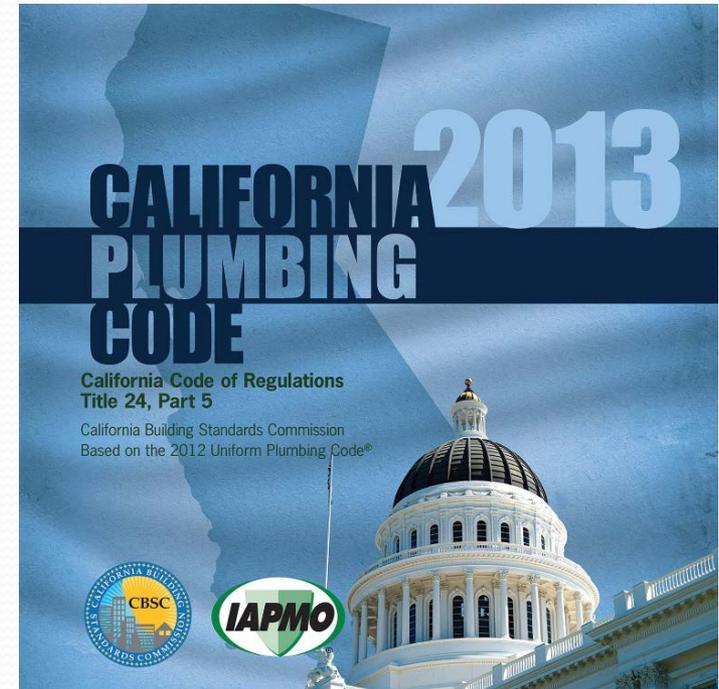
Minor editorial changes

CMC CEQA Study

- Notice of Preparation and Scoping Meetings, Initial Study for Proposed Statewide Regulations Allowing the Use of Plenum Return Air and Flexible Ducting in Certain Areas of OSHPD 3 Clinics
- Previously scheduled Scoping Meetings;
 - Los Angeles, Monday, May 18, 2015, 1:00 to 3:00 pm
CANCELLED.
 - Sacramento, Tuesday, May 19, 2015, 1:00 to 3:00 pm
CANCELLED.

Title 24 – Part 5

California Plumbing Code





Chapter 3 General Requirements

310.0 Prohibited Fittings and Practices

310.10. *Added: ... Handwashing fixtures shall not be installed in operating and delivery rooms.*

320.0 Essential Plumbing Provisions [OSHPD 1, 2, 3 (surgical clinics) & 4]

320.1 Domestic water booster pumps

320.2 Domestic hot water circulating pumps

320.3 Sewer ejector pumps

320.4 Sump pumps and drainage pumps

320.5 Domestic water heating equipment and controls

320.6 Fuel pumps

320.7 Grease removal devices requiring electric power



Chapter 4 Plumbing Fixtures & Fittings

403.3 Urinals

~~412.1.1~~ ~~403.3.1~~ **Non-water Urinals.** Renumbering due to changes in the UPC

~~413.3.2~~ **Flushometer Valves.** Renumbering due to changes in the UPC

422.1 Fixture Count

~~422.1.1~~ *Separate Facilities...* Renumbering due to changes in the UPC

Table 4-2

Added footnote 2 (conventional spouts & controls) to Dialysis Patient toilet.



Chapter 6 Water Supply & Distribution

604.1 Pipe, Tube, and Fittings.

Repealed the exclusion of CPVC as an acceptable material

~~605.3.3.2~~ 605.1.3.2 **Pressed Fittings.**

Repealed the exception for use in [OSHPD 1, 2, 3, & 4]

614.0 Dialysis Water-Distribution Systems

Branch lines may be Perfluoroalkoxy (PFA)



Chapters 7, 9, & 11 RE: ABS & PVC

~~701.1~~ 701.2 (Sanitary) Drainage Piping.

Repealed the exclusion of ABS and PVC as an acceptable material

~~903.1.3~~ (Vent Piping – Materials - Stds) [~~OSHPD 1, 2, 3, & 4~~].

Repealed the exclusion of ABS and PVC as an acceptable material

~~1101.3.2 & 1102.1.3~~ (Storm Drainage – General & Materials)

Repealed the exclusion of ABS and PVC as an acceptable material

CPC CEQA Study

- Public Scoping Meetings
- Northern California
 - Friday, May 15, 2015
 - 10:00 am – 12:00 pm
 - Office of Statewide Health Planning and Development
 - Sacramento Room
 - 400 R Street
 - Sacramento, CA 95811
- Southern California
 - Friday, May 22, 2015
 - 10:00 am – 12:00 pm
 - Ronald Reagan State Building
 - Auditorium
 - 300 S. Spring Street
 - Los Angeles, CA 90013

2015 CBSC Rulemaking Cycle (2016 Building Code)

9/1/14 – 4/30/15

Pre-cycle workshops and outreach

5/1/15 – 5/29/15

Initial submittal & CBSC review

7/15/15 – 8/15/15

Code Advisory Committee meeting

8/15/15 – 11/15/15

45-day Public Comment Period

11/15/15

Final Documents to CBSC

12/15/15

Adoption/Approval

1/1/16 – 7/1/16

Publication Period

7/1/16

Publication date

7/1/16 – 1/1/17

180-Day transition period

1/1/17

Effective Date

FGI Guidelines 2018

	<ul style="list-style-type: none"> • Outpatient Document Group online kick-off meeting 	
April – June	Hospital Document Group (and appointed task groups) meets online to develop proposals from results of “substantiation” exercise (proposals submitted ahead of June Steering Committee meeting)	Chairs and members
May	<ul style="list-style-type: none"> • Residential Document Group 	
May – Oct. 15	<ul style="list-style-type: none"> • Public proposal period begins May 15 (ends Oct. 15) • Document and topic groups meet online to develop proposals related to Steering Committee goals 	Public Topic group chairs and members
June	Steering Committee meeting	Steering Committee
Early Aug.	“Substantiation” exercise for outpatient content is completed	Dr. Hall
Aug. – Oct.	Outpatient Document Group (and appointed task groups) meets online to develop proposals from results of “substantiation” exercise	Chairs and members
Oct.	<ul style="list-style-type: none"> • Public proposal period ends Oct. 15 • Cost/Benefit Committee report due before Steering Committee meeting • Steering Committee Web meeting 	Cost/Benefit Committee Steering Committee
Nov. – Dec.	Document and topic groups meet online to review/vote on proposals and assign task groups to write any proposals needed in response to public proposals	Document and topic groups
2016		

Keeping Health Facilities Safe for You. Thank you!



OSHPD



Building Standards Unit
Facilities Development Division
Office of Statewide Health Planning & Development