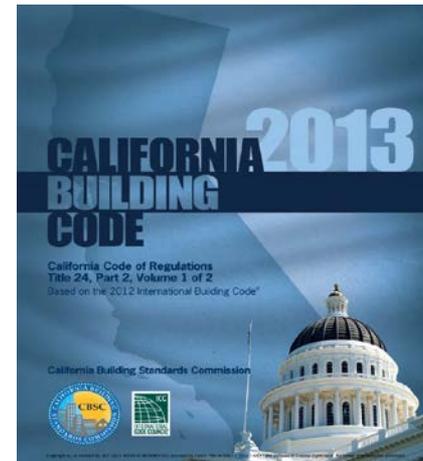
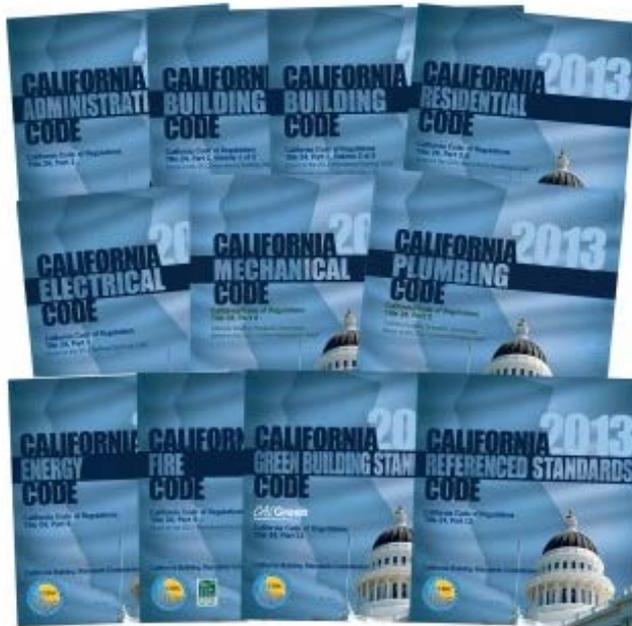




Office of Statewide Health Planning and Development Facilities Development Division

Gordon Oakley - ISU Director
Deputy Division Chief



Sections 1224 & 1225



Architectural, Part 2, Volume 1



- OSHPD Authority – Section 1.10
- OSHPD 1 – _____
- OSHPD 2- _____
- OSHPD 3- _____
- OSHPD 4- _____
- SFM - _____
- DSA/AC- _____

Chapter 2 Definitions

- **SPECIAL INSPECTION.** Inspection of construction requiring the expertise of an approved special inspector in order to ensure compliance with this code and the approved construction documents.
- **Continuous special inspection.** Special inspection by the special inspector who is present when and where the work to be inspected is being performed.

We Won't be fooled again.

- **Periodic special inspection.** Special inspection by the special inspector who is intermittently present where the work to be inspected has been or is being performed.
- There are more specific code requirements
- When approved this will be on the TIO program as required by Part 2, Volume 2, CCR, Section 1704.2.3 & Part 1, Section 7-141(d) through (i).

Definitions 1224.3

Handwashing Fixture

CBC has a pointer to the definition in the Plumbing Code

Monolithic. Surface free of fissures, cracks, perforations, and crevices.

Monolithic Ceiling. Any penetrations such as lights, diffusers, access panels shall be sealed or gasketed. Lay-in ceilings are not considered “monolithic”

Definitions

- **Restricted Area.** A designated space with limited access, such as, physical barriers or security.
- Term applied to operating rooms, interventional imaging, cardiac cath. labs. angiography suites, etc.
- Tables reorganized for clarity, so that, they follow the sections they support.

Architectural, Part 2, Volume 1



- ***1224.4.4.1.1 Airborne infection isolation exam/treatment room. When provided, the airborne infection isolation room shall be an exam/treatment room, shall be labeled with the words "Airborne Infection Room ", and provide the following:..***

All new requirements

Architectural, Part 2, Volume 1



- ***1224.4.4.1.1.1 Airborne infection isolation exam/treatment anteroom. An airborne infection isolation anteroom is not required; however, when an anteroom is provided, it shall meet the following requirements:***

Architectural, Part 2, Volume 1



- ***1224.4.4.2 Specimen and blood collection facilities.***
- ***1224.4.4.2.1 Specimen collection facilities. When provided, specimen collection facilities shall comply with the following requirements:***

Architectural, Part 2, Volume 1



- **1224.4.6.2 Gas and vacuum systems.**
The design, installation and testing of medical gas and vacuum systems shall conform to Table 1224.4.6.1 and NFPA 99, **2012 ed.**
- There are 37 defined areas on the Table.

Table 1224.4.6.1

Station Outlets for Oxygen, Vacuum, and Med Air

	LOCATIONS	OXYGEN	VACUUM	MED AIR
1	Patient rooms (medical/surgical unit)	1/bed	1/bed	-
2	Examination or treatment (medical/surgical unit and postpartum care)	1/room	1/room	-
3	Airborne infection isolation or protective environment rooms (medical/surgical unit)	1/bed	1/bed	-
4	Seclusion room (medical/surgical unit and postpartum care)	1/bed	1/bed	-

1224.4.10.2

- ***Minimum height with fixed ceiling equipment. Operating rooms, emergency rooms, delivery rooms, radiographic rooms and other rooms containing ceiling-mounted, major fixed equipment or ceiling mounted surgical light fixtures shall have ceiling heights to accommodate the equipment or fixtures and their normal movement.***

1224.4.10.2 (continued)

- *Suspended tracks, rails and pipes located in the traffic path for patients in beds and/or on stretchers, including those in inpatient service areas, shall be not less than 7 feet above the floor.*
- ***Exception:*** *Mobile suspended tracks such as traverse rails for overhead patient lifts that may be moved out of the traffic path...*

Interior finishes 1224.4.11

Table 1224.4.11 revised for clarification

Examples:

Ceilings surface type #1 – Continuous monolithic surface equal in smoothness to enamel plaster

Footnote #5 – Lay-in ceiling meeting the requirements of Section 1224.4.11.4.1.7 may be substituted in laundry and kitchens.

CBC Section 1224.4.11.1.1

- ***1224.4.11.1.1 Coved base. Resilient flooring, if used in toilet and bathing rooms, shall be continuous and extend upward onto the wall at least 5 inches to minimize moisture infiltration. Wood bases are prohibited except in waiting areas and administration departments.***

CBC Section 1224.4.11.2.2



- ***1224.4.11.2.2 Wet cleaning. Floors and wall bases in operating rooms, delivery rooms, emergency operating rooms, cast rooms, interventional rooms and special procedure rooms shall be monolithic and constructed without joints.***

CBC Section 1224.4.11.2.2 (cont.)

- *The floors and wall bases of kitchens, soiled and clean utility rooms, housekeeping rooms with mop sinks, patient, public and staff sanitary facilities and other areas subject to frequent wet cleaning, shall also be homogeneous, but may have tightly sealed joints and shall be constructed without voids at the intersection of floor and wall surfaces.*

1224.4.11.3 Wall finishes.

- *Wall finishes shall comply with the following requirements:*
- *5. Wall areas penetrated by pipes, ducts and conduits shall be tightly sealed to minimize entry of rodents and insects. Joints of structural elements shall be similarly sealed.*

1224.4.11.4 Ceilings.

- *Ceilings in areas occupied by patients and the public shall be cleanable with the use of routine housekeeping equipment. Acoustic and lay-in ceiling, where used, shall not create ledges or crevices.*

1224.4.11.4.1 Ceiling finishes.

- *Ceiling finishes shall comply with Table 1224.4.11 and the following requirements:*
- *Semirestricted areas:*
- *1. Ceiling finishes in semirestricted areas such as airborne infection isolation exam/treatment rooms, surgical corridors, central sterile supply spaces and minor surgical procedure rooms,...*

Restricted Areas

3. *Ceilings in restricted areas shall be monolithic with no cracks or perforations.*
4. *Ceilings in restricted areas shall be scrubbable and able to withstand cleaning and/or disinfecting chemicals.*
5. *All access openings in restricted area ceilings shall be gasketed.*

1224.14.1.6 Patient Room Handwashing fixtures.

- *A handwashing fixture shall be provided in the patient room. Water spouts used shall have clearances adequate to avoid contaminating utensils and the contents of carafes, etc. In multiple-bed rooms the handwashing fixture shall be located outside of the patient's cubicle curtain so that it is accessible to staff.*

Patient Room Handwashing fixtures

Where renovation of patient rooms is undertaken a handwashing fixture shall be located in the toilet room or patient room.

Architectural Provisions

CBC Section 1224



Intensive Care Unit 1224.29

Minimum clearance dimensions around patient bed 1224.29.1.2

No bedpan washing fixture at modular toilet 1224.29.1.4

Newborn intensive care units (NICU) 224.29.2

Infant formula facilities 1224.29.2.10

Clarification of requirements for space

CBC 1224.33 EMERGENCY SERVICE



Standby Emergency Medical Service

1224.33.2

Minimum clearance dimensions around patient bed 1224.33.2.2

Basic Emergency Medical Service

1224.33.3

Minimum clearance dimensions around patient bed 1224.33.3.6

IOR Recertification 2014

CBC Section 1225 Update (SNF's)



Utility rooms 1225.4.1.3

Separated—no direct connection

Quick reminder of Section 1225 organization

Follows FGI Guidelines organization

Common Elements 1225.4

Skilled Nursing Unit Models 1225.5

Medical Model 1225.5.1

Household Model 1225.5.2

General Construction 1224.4 – 1224.13

CBC Volume 1 Part 2 Chapter 15



- **Roof Assemblies**
- *1507.3.10 Additional requirements. [DSA-SS & DSA-SS/CC, OSHPD 1, 2 &4] In addition to the requirements of 1507.3.6 and 1507.3.7, the installation of clay and concrete tile roof coverings shall comply with seismic anchorage provisions of Section 1512.*

Roofing additions for all types



- **1507.4.5 Underlayment and high wind. (Metal Panels)**
- **1507.5.3.1 Underlayment and high wind. (Metal roof shingles)**
- **1507.6.3.1 Underlayment and high wind. (Mineral-surfaced rolled roofing)**
- **1507.7.3.1 Underlayment and high wind. (Slate)**

2010 CBC all referred to ASTM



- 1507.3.3 Underlayment. Unless otherwise noted, required underlayment shall conform to: ASTM D 226, Type II;
- ASTM D 2626 or ASTM D 6380, Class M mineral-surfaced
- Roll roofing.

SECTION 1509

ROOFTOP STRUCTURES



- All of Section 1509 has been reformatted in reverse sentence structuring.
- Similar code requirements though.

2010 VS. 2013 Section 1511

- *2010 CBC, SECTION 1511*
- *[DSA-SS & DSA-SS/CC and OSHPD 1,2 & 4]
SEISMIC ANCHORAGE OF SLATE SHINGLE,
CLAY AND CONCRETE TILE ROOF
COVERINGS*
- *2013 CBC, SECTION 1511*
SOLAR PHOTOVOLTAIC PANELS/MODULES

SECTION 3111



- **SOLAR PHOTOVOLTAIC PANELS/MODULES**
- *3111.1 Solar photovoltaic power systems. Solar photovoltaic power systems shall be installed in accordance with Sections 3111.2 through 3111.5 and the California Electrical Code.*

Code Application Notices and Policy Intent Notices

CANs and PINs Update

Inspection Services Unit Presentation

IOR Recertification 2014

CAN's and PIN's



CAN 2-108 Temporary Systems, Utilities, and Equipment (same CAN that was presented previously)

OSHPD as the building official is authorized to issue a permit for:

temporary systems, utilities, and equipment for limited periods of time during construction

- “Permits for temporary use are separate from, and in addition to, permits for permanent construction of the work and shall be granted solely for the period needed during construction”..
- Temporary uses given a permit :
 - short-term temporary permit – max duration of 7 days
 - mid-term temporary permit – max duration of 30 days
 - long-term temporary permit – max duration of 180 days

- All equipment must meet the code requirements for capacity and performance
- Applications must be made in advance of the planned use, allowing enough time for review
- Submittal shall include, but not be limited to: location of equipment, routing and sizing, protective measures, adequate clearances, TIO, etc.
- See Comparison Chart on C.A.N.

CODE APPLICATION NOTICE (CAN)

COMPARISON CHART

	Short-Term Temporary Permit 7-day maximum	Mid-Term Temporary Permit 30-day maximum	Long-Term Temporary Permit 180-day maximum
Temporary Equipment	Short-term temporary use equipment may be mobile (truck mounted w/ blocked tires and guyed corners) or skid mounted and set on the ground or roof.	Mid-term temporary use equipment may be mobile (truck mounted w/ blocked tires and guyed corners) or skid mounted and set on the ground or roof.	Long-term temporary use equipment may be mobile (truck mounted) or set on the ground or roof.
Seismic Design	Seismic design for supports, attachments and special seismic certification are not required.	Seismic design for supports, attachments and special seismic certification are not required.	Temporary equipment shall be anchored and braced in accordance with ASCE 7 Chapter 13; however the calculated F_p may be reduced by 50%. Special Seismic Certification of temporary equipment per CBC Section 1708A.4 is not required.
Placement on existing structure	Prior to placing any temporary equipment on the roof, floor, or other structure, the adequacy of the structure to support the operating weight of the unit shall be confirmed and substantiated by a licensed structural engineer.	Prior to placing any temporary equipment on the roof, floor, or other structure, the adequacy of the structure to support the operating weight of the unit shall be confirmed and substantiated by a licensed structural engineer.	Prior to placing any temporary equipment on the roof, floor, or other structure, the adequacy of the structure to support the operating weight of the unit shall be confirmed and substantiated by a licensed structural engineer.
Equipment service access and clearances	No requirement	Clearance and access around the equipment shall comply with code including internal access to the equipment when required and provision of a roof guard rail if the access/service area is located within 10 feet	Clearance and access around the equipment shall comply with code including internal access to the equipment when required and provision of a roof guard rail if the access/service area is located within 10 feet of a roof edge.

Thank You



Inspection
Services Unit