



## QUALITY. INTEGRITY. INNOVATION.

*Our goal is to facilitate a streamlined process in the healthcare construction & inspection industry. We pursue and align these goals with our Clients, Designers, OSHPD and Contractors through experience, expertise and innovation.*

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## Highlights



### Pioneers Memorial Hospital

SBS was asked to take over this single story 3,100 SF addition consisting of an operating room, a special procedures room and 2 storage spaces. Doug Stalker Jr. took this project on for us when it was in the beginning phase of structural steel. We joined the project team with Cunningham Group Architecture and Nielsen Construction to bring this project to Occupancy by October 2020.



[Visit Pioneers website](#)

## SBS LABS



**The healthcare construction industry can be very technical and it takes years of experience to accurately navigate through the process. We wanted to use this newsletter as not only reading about what SBS is up to, but also as a tool that can provide helpful information for you on your next OSHPD project. Here is this week's topic that we've experienced in the past and hopefully is beneficial to you:**

At SBS LABS, we pride ourselves on educating our staff members with the industries latest practices through a series of OSHPD webinars, relevant agency webinars/tutorials, and our own in-house training to support our clients and colleagues.

***Courtesy of OSHPD Compliance Officer,  
Mike Marrs:***

The IORs responsibilities and recommended actions related to electrical distribution equipment short circuit, selective coordination and ground fault protection.

All electrical distribution equipment, when delivered to the site, should be confirmed to comply and align with the approved plans and EEOR approved equipment submittals respectively for the following items including but not limited to:



Overall equipment manufacturer, type, operating voltage, amperage frame size(s), KAIC, OCPD arrangement within each panel board section shown on approved submittals.

Confirm OCPD frame size(s), type, KAIC, specialty features such as adjustable type vs. molded case type, ground fault protection feature (if applicable), locking capabilities, etc.

OSP seismic certification by manufacturer and model number.

The above mentioned inspection confirmations will help to prevent and avoid possible discovery of incorrect equipment or related overcurrent protection device features and capabilities during or after device selectivity testing. Issues discovered after testing may result in possible delays and added expenses to the project.

When electrical distribution equipment is set in its final position, ground fault selectivity and coordination testing is then conducted to assure proper operation and performance of the system based on a previously approved system coordination study design. The testing should be performed by a contractor qualified to do so as approved by the EEOR and as indicated on the Testing Inspection and Observation Program approved by the Office. Testing shall be conducted for ground fault and selectivity coordination in accordance with CEC 517.17(C)(D) as well as other applicable CEC and NFPA 99 provisions. Verify project specifications which may identify applicable test standards to be used during the testing and submittal process. The testing is normally conducted prior to termination of the feeder conductors to their respective overcurrent protection device. The completed test results are then forwarded to the EEOR for review and approval. The IOR shall obtain a copy to confirm EEOR written acceptance and for OSHPD field staff review. Additional information The IOR shall witness newly installed main service and/or feeder disconnect ground fault protection system performance testing in accordance with CEC section 230.95(C) and/or 215.10 respectively. Test results shall be documented in a manner approved by the TI&O Program.

Note that additional levels of ground fault protection on the load side of automatic transfer switches serving the essential electrical system is prohibited. CEC 517.17(B).

[Click here](#) for basic information related to adjustable trip settings for circuit breakers.

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As SBS LABS continues the journey of formalizing material to share with you, please take a moment to subscribe to our Youtube Channel to stay on top of all of

Contact SBS

## Newsworthy



Firestop 101 will focus on the basics of passive fire protection. In this 2-hour seminar, STI will cover why firestopping is used today, where it is required, how it is tested, product options, and UL systems selection.

This course is registered with **AIA (2 LU/HSW)**, **ICC (0.2 CEU)** and **BICSI (2 CEC)**. All attendees will also receive a certificate of attendance along with a letter and personalized ID card.

Join STI's Training & Development Manager, John Zalepka for Firestop 101.

Thursday, September 10, 2020  
**2:00pm-4:00pm EDT**

Register



**ACIA is going virtual this year for the 2020 Annual Symposium.**

Saturday and Sunday  
Nov 7th & 8th from 10:00 a.m. - 4:00 p.m.

You can grab 10 CEU's over a weekend for just \$150 per person!

November 7th will cover preparation for **Registered Construction Inspectors Certification (RCI) DIV I - Engineering AND DIV IV - Public Works** (Both these prep courses will cover THE 2018 GREEN BOOK and codes and/or published industry standards).

November 8th will prepare you for our latest exams **DIV III - FireStopping and Fire Door Assembly Inspector (FDAI) Certification** (This course will reference

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## ASHE Education

ASHE has a wealth of information on the health care physical environment. They continue to develop and evolve programs and certifications to address the ever-changing challenges that health care professionals face.

Visit the link below for a summary and registration options to their webinars.

Visit ASHE website

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## BISNOW

**"If you missed this webinar, click the video below to view the entire presentation."**

Join this webinar as posted by Bisnow  
**THE STATE OF SOCAL HEALTHCARE CRE**  
**AUGUST 27 AT 11:30 PST**

A 2-panel, 70-minute webinar on building and designing hospital systems and MOBs of the future

Click here to Register

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### OSHPD Building Safety & Construction Webinars

#### Remodel CAN 2-102.6

##### **Remodel (Renovations, Alterations, Repairs)**

The legal occupancy of any structure existing on the date of adoption of the code shall be permitted to continue use without change. This code section has led to varying interpretations of what is required during a remodel and how the scope of work is defined. This presentation will clarify the confusion. By applying the Remodel CAN to your project, you will have the confidence to properly define the scope of work and what the project will be responsible for updating.

For more details, [click here](#) for the flyer.

To register, click on the date below. Please note that multiple staff members from one office should register INDIVIDUALLY.

**Tuesday, September 22, 2020**

10:00 – 11:30 a.m., Pacific Time

It's free to participate.

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**2019 CALIFORNIA BUILDING CODE  
Part 2, Title 24, California Code of Regulations**

**CAN 2-102.6** – Remodel – 11/08/2019  
Action/Comment: N/A

**CAN 2-407.4.1** – Direct Corridor Access from Habitable Rooms – 11/12/2015  
Action/Comment: 04/23/2020

**CAN 2-407.2.2** – Nurses' Stations – 04/21/09  
Action/Comment: 07/08/2020

**CAN 2-703.3** – Engineering Judgments – 05/20/09  
Action/Comment: 07/09/2020

**CAN 2-2508.2.1** – Weather Protection for Gypsum Wallboard – 08/19/2009  
Action/Comment: 04/16/2020

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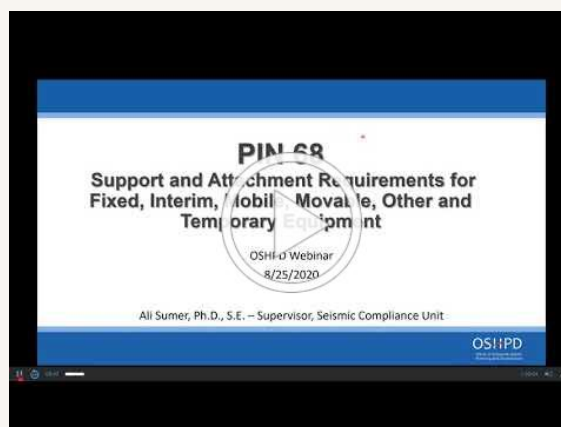
**Equipment Anchorage per PIN 68**

**"If you missed this webinar, click the video below to view the entire presentation."**

**Fixed, Interim, Mobile, Movable, Other and Temporary Equipment**

OSHPD PIN 68 clarifies which type of equipment is required to be anchored, restrained, or permitted to be unanchored to meet the functional needs of hospitals.

This webinar focuses on what is needed to be shown on the construction documents to identify which equipment falls in each classification.



**Part 10 Existing Building Code – Renovations**

Date: TBD | Registration information coming soon!

**California Energy Code for Healthcare Facilities**

Date: TBD | Registration information coming soon!

**Remodel CAN 2-102.6**

Date: TBD | Registration information coming soon!

**Accessibility CAN 2-11B**

Date: TBD | Registration information coming soon!

**Functional Programs**

Date: TBD | Registration information coming soon!

**Special Provisions for SPC-2 Buildings**

Date: TBD | Registration information coming soon!

It's free to participate and each session is from 10:00 – 11:30 a.m., Pacific Time

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**SUCCESS IS THE  
ABILITY TO GO  
FROM ONE FAILURE  
TO ANOTHER WITH  
NO LOSS OF  
ENTHUSIASM.**

*Winston Churchill*

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