



# OSHPD Preapproval of Anchorage (OPA)

OSHPD Preapproval of Anchorage (OPA) Program is Discontinued Effective March 1, 2013. Existing OPAs can be used for projects based on the code cycle under which OPAs were approved.

Office of  
Statewide Health Planning and Development 

Facilities Development Division  
The Building Department for California's Hospitals



## Can I Use the CBC 2001 and 2007 OPA's for the CBC 2010 Projects?

- **Yes!**
  - ❖ Provided the Structural Engineer of Record submits to OSHPD calculations for seismic demand, capacity, and demand/capacity ratio for anchors, shot pins, and other attachments in accordance with the CBC 2010.
  
- **Approved supports and bracing are accepted without further review.**



## Can we Use the CBC 2010 OPAs for the CBC 2007 Projects?

- **Yes!**
  - ❖ Provided the Structural Engineer of Record submits to OSHPD calculations for seismic demand and demand/capacity ratio for anchors, shot pins, and other attachments in accordance with the CBC 2007.
- **Approved supports, attachments (anchorage capacity), and bracing are accepted without further review.**



# Can we Mix and Match Different Distribution Systems OPAs?

- **No!**
  - ❖ Different distribution systems OPAs should not be used for **a given run** of pipes, ducts, or conduits.
- Different distribution systems OPAs are permitted on different run of pipes, ducts, or conduits for the same project.



# Can we Substitute Components in an OPA?

- **No!**

- ❖ Substitution of components in an OPA is not permitted, unless they are reviewed and approved by OSHPD for specific application.



## Do we Need to Submit Anything to OSHPD for Review when OPA's are Used?

- **Yes!** OSHPD review is required:
  - To ensure that the appropriate detail has been selected/applied for each condition and for the actual substrate that it will be connected/attached to.
  - To ensure that supporting structure that are not part of the OPA's have adequate capacity.
  - For anchorage/bracing details and supporting calculations that are not part of a pre-approved system. Many OPA's require the SEOR to design certain elements in the load path.
  - **OSHPD will not re-review what is already approved in the OPA, if it was approved for the code for which it is being used.**



## Can we Consider Seismic Bracing/Attachments in Accordance with NFPA 13-10 Equivalent to an OPA?

- **No!**
  - The CBC 2010 Sections 1613A.6.3 and 1615A.1.22 require that allowable values for Automatic Sprinkler Systems concrete anchors, hangers, and bracing be designed on the basis of material chapters of the CBC 2010 in lieu of NFPA 13-10.
  - Chapter 35 of the CBC 2010 amended certain sections of the NFPA 13-10.