

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

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# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## 1. Emergency and Standby Power Systems

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### Generators:

- OSP-0028-10: Cummins – Generator Sets (*Expired - 12/31/2016*)
- OSP-0082-10: Kohler – Generator Sets (*Expired - 12/31/2016*)
- OSP-0084-10: Caterpillar – Generator Sets (*Expired - 12/31/2016*)
- [OSP-0117-10: MTU – Generator Sets](#)
- OSP-0189-10: Kohler – Electrical Power Generators (*Expired - 12/31/2016*)
- OSP-0259-10: Peterson Power Systems – Diesel Generators (*Expired - 12/31/2016*)
- [OSP-0268-10: Cummins – Generator Sets](#)
- [OSP-0282-10: Generac – Generator Sets](#)
- [OSP-0303-10: Kohler – Electrical Power Generators](#)
- [OSP-0321-10: Caterpillar – Electrical Power Generators](#)
- [OSP-0324-10: Caterpillar – Diesel Generators](#)
- [OSP-0344-10: Generac – Diesel Generators](#)
- [OSP-0371-10: Baldor – Diesel Generators](#)
- [OSP-0375-10: Cummins – Generator Sets](#)
- [OSP-0412-10: Caterpillar – Diesel Generators](#)
- [OSP-0444-10: Cummins – Diesel Generators](#)
- [OSP-0449-10: MTU – Electrical Power Generators](#)
- [OSP-0450-10: MTU – Electrical Power Generators](#)
- [OSP-0451-10: MTU – Electrical Power Generators](#)
- [OSP-0464-10: Kohler – Electrical Power Generators](#)

### Automatic Transfer Switches:

- [OSP-0005-10: Russelectric – Automatic Transfer Switches](#)
- [OSP-0014-10: Eaton – Automatic Transfer Switches](#)
- [OSP-0029-10: Cummins – Automatic Transfer Switches](#)
- [OSP-0032-10: ASCO – Automatic Transfer Switches](#)
- [OSP-0035-10: GE Zenith Controls – Automatic Transfer Switches](#)
- [OSP-0096-10: Russelectric – Transfer Switches](#)
- OSP-0114-10: Caterpillar – Automatic Transfer Switches & Switchgears (*Expired - 12/31/2016*)
- OSP-0172-10: Caterpillar – Automatic Transfer Switches (*Expired - 12/31/2016*)
- ~~OSP-0283-10: Cummins – Transfer Switches (*In Review*)~~
- [OSP-0331-10: GE Zenith Controls – Automatic Transfer Switches](#)
- [OSP-0375-10: Cummins – Automatic Transfer Switches](#)
- [OSP-0466-10: On Power – Automatic Transfer Switches](#)
- ~~OSP-0514-10: Kohler – Automatic Transfer Switches (*In Review*)~~

### Paralleling Switchgear Controls:

- OSP-0030-10: Cummins – Digital Master Controllers (*Expired - 12/31/2016*)
- OSP-0036-10: GE Zenith Controls – Paralleling Switchgear & Controls (*Expired - 12/31/2013*)
- OSP-0120-10: Kohler – Switchgear Control Panels (*Expired - 12/31/2016*)
- [OSP-0313-10: GE Zenith Controls – Paralleling Switchgear & Controls](#)
- [OSP-0446-10: Cummins – Paralleling Switchgear & Controls](#)

### Generator Control Panels:

- [OSP-0165-10: Intelligent Switchgear Organization – Generator Control Panels](#)
- [OSP-0404-10: MTU – Generator Control Panels](#)

### Remote Radiators:

- OSP-0129-10: YoungTouchtone – Radiators (*Expired - 12/31/2016*)
- OSP-0130-10: YoungTouchtone – Charge Air Coolers (*Expired - 12/31/2016*)
- [OSP-0152-10: IEA – Radiators](#)
- [OSP-0192-10: IEA – Radiators and Engine Coolers](#)

### Emissions After-Treatment:

- [OSP-0266-10: Caterpillar – Emissions After-Treatment System](#)
- ~~OSP-0267-10: Cummins – Emissions After-Treatment System (*In Review*)~~

### Fuel Tanks:

- OSP-0126-10: Professional Power Products – Fuel Tanks (*Expired - 12/31/2016*)
- [OSP-0185-10: Global Power Components – Fuel Tanks](#)
- [OSP-0187-10: Phoenix Power Products – Fuel Tanks](#)
- [OSP-0254-10: Tramont – Fuel Tanks](#)

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## 2. Elevator Equipment

[\(Categories\)](#)

### Elevator Controllers:

- OSP-0092-10: Otis Elevator – Elevator Controllers (*Expired - 12/31/2016*)
- OSP-0124-10: Computerized Elevator Control – Elevator Controllers (*Expired - 12/31/2016*)
- OSP-0143-10: ThyssenKrupp Elevator – Elevator Controllers (*Expired - 12/31/2016*)
- OSP-0166-10: ThyssenKrupp Elevator – Hydraulic Elevator Controllers (*Expired - 12/31/2016*)
- OSP-0175-10: Kone – Elevator Controllers & Drives (*Expired - 12/31/2016*)
- OSP-0209-10: ThyssenKrupp Elevator – Traction Elevator Controllers (*Expired - 12/31/2016*)
- OSP-0245-10: Smartrise – Elevator Controllers (*Expired - 12/31/2016*)
- [OSP-0296-10: Schindler – Elevator Components](#)
- [OSP-0359-10: Otis Elevator – Hydraulic Elevator Controllers](#)
- [OSP-0401-10: Kone – Elevator Controllers & Drives](#)
- [OSP-0402-10: Kone – Elevator Controllers & Drives](#)
- [OSP-0437-10: Kone – Elevator Controllers & Drives](#)

### Elevator Control Panels:

- [OSP-0011-10: Eaton – Elevator Control Panels & Switches](#)
- OSP-0240-10: Elevator Controls – Elevator Control Panels (*Expired - 12/31/2016*)
- [OSP-0419-10: Motion Control Engineering – Elevator Control Panels](#)

## 3. Exhaust/Smoke Control Fans

- [OSP-0033-10: Loren Cook – Exhaust/Smoke Control Fans](#)
- OSP-0102-10: Loren Cook – Centrifugal Blowers (*Expired - 12/31/2016*)
- OSP-0148-10: Greenheck Fan – Centrifugal Ventilation Fans (*Expired - 12/31/2016*)
- OSP-0195-10: Twin City Fan – Utility Centrifugal Ventilating Fans (*Expired - 12/31/2016*)
- OSP-0223-10: Greenheck Fan – Mixed Flow and Lab Exhaust Fans (*Expired - 12/31/2016*)
- [OSP-0271-10: Twin City Fan – Inline Fans](#)
- [OSP-0343-10: Enervex – Inline and Roof Power Vents](#)
- [OSP-0360-10: ACME – Centrifugal Exhaust Fans](#)
- [OSP-0395-10: Twin City Fan – Exhaust/Smoke Control Fans](#)
- [OSP-0442-10: Loren Cook – Exhaust/Smoke Control Fans](#)

## 4. Air Conditioning/Air Handling Units

### Custom Air Handling Units:

- [OSP-0063-10: ClimateCraft – Custom Air Handling Units](#)
- [OSP-0069-10: Energy Labs – Custom Air Handling Units](#)
- [OSP-0075-10: Huntair – Custom Air Handling Units](#)
- ~~OSP-0076-10: TMI – Custom Air Handling Units (*In Review*)~~
- OSP-0079-10: Temtrol – Custom Air Handling Units (*Expired - 12/31/2016*)
- OSP-0080-10: Governair – Custom Air Handling Units (*Expired - 12/31/2016*)
- OSP-0118-10: Alliance – Custom Air Handling Units (*Expired - 12/31/2016*)
- OSP-0242-10: Trane – Custom Air Handling Units (*Expired - 12/31/2016*)
- OSP-0243-10: Johnson Controls – Custom Air Handling Units (*Expired - 12/31/2016*)
- [OSP-0248-10: Scott Springfield – Custom Air Handling Units](#)
- [OSP-0301-10: Haakon – Custom Air Handling Units](#)
- [OSP-0326-10: United Metal Products – Custom Air Handling Units](#)
- [OSP-0392-10: Innovent – Custom Air Handling Units](#)
- [OSP-0460-10: Halton – Custom Air Handling Units](#)

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## **Air Conditioning/Air Handling Units ~ cont'd**

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### Packaged Air Handling Units:

- OSP-0027-10: Carrier – Roof Top Air Handling Units (*Expired - 12/31/2012*)
- OSP-0050-10: Trane – Packaged Air Handling Units (*Expired - 12/31/2016*)
- [OSP-0147-10: Johnson Controls – Packaged Air Handling Units](#)
- OSP-0153-10: Carrier – Roof Top Air Conditioning Units (*Expired - 12/31/2016*)
- [OSP-0180-10: AAON – Packaged Rooftop Air Handling Units](#)
- OSP-0203-10: Trane – Packaged Air Handling Units (*Expired - 12/31/2016*)
- [OSP-0213-10: York – Packaged Air Handling Units](#)
- OSP-0232-10: Cascade Air Systems – Compact Cabinet Fans (*Expired - 12/31/2016*)
- [OSP-0238-10: Trane – Packaged Air Handling Units](#)
- [OSP-0249-10: Johnson Controls – Packaged Air Handling Units](#)
- [OSP-0255-10: Johnson Controls – Packaged Air Handling Units](#)
- [OSP-0277-10: Trane – Packaged Air Handling Units](#)
- [OSP-0325-10: Daikin Applied – Packaged Air Handling Units](#)
- [OSP-0353-10: Seeley – Packaged Air Handling Unit](#)
- [OSP-0376-10: Trane – Packaged Air Handling Units](#)
- [OSP-0494-10: Carrier – Roof Top Packaged Air Handling Units](#)

### Split Air Conditioning Units:

- OSP-0108-10: Mitsubishi – Split Air Conditioners and Heat Pumps (*Expired - 12/31/2016*)
- [OSP-0125-10: Carrier – Split Condensing and Fan Coil Units](#)
- [OSP-0297-10: Daikin – Split Air Conditioners and Heat Pumps](#)
- [OSP-0323-10: Trane – Split Condensing Units](#)
- [OSP-0347-10: Trane – Split Condensing Units](#)
- [OSP-0372-10: Daikin – Outdoor Heat Pumps](#)
- [OSP-0386-10: LG – Split Air Conditioners and Heat Pumps](#)

### Fan Coil Units:

- [OSP-0105-10: Greenheck Fan – Fan Coil Air Handling Units](#)
- OSP-0211-10: IEC – Hydronic Fan Coils (*Expired - 12/31/2016*)
- OSP-0227-10: Xpediair – Hydronic Fan Coils (*Expired - 12/31/2016*)
- OSP-0229-10: Carrier – Hydronic Fan Coils (*Expired - 12/31/2016*)
- [OSP-0378-10: Price – Fan Coil Units](#)
- [OSP-0388-10: Johnson Controls – Fan Coil Units](#)
- [OSP-0475-10: Krueger – Fan Coil Units](#)

### Data Room Air Conditioners:

- OSP-0049-10: Emerson Network Power – Liebert Air Conditioners for Computer Rooms (*Expired - 12/31/2016*)
- [OSP-0230-10: Stulz – Computer Room Air Handlers](#)
- [OSP-0237-10: APC – In Row Cooling Units](#)
- [OSP-0270-10: Emerson Network Power – Liebert Cooling Unit](#)
- [OSP-0299-10: Data-Aire – In-Room Chilled Water Cooling Units](#)
- [OSP-0366-10: Emerson Network Power – Liebert Air Conditioners for Computer Rooms](#)
- [OSP-0381-10: Emerson Network Power – Liebert Air Conditioners for Computer Rooms](#)
- [OSP-0468-10: Emerson Network Power – Liebert Air Conditioners for Computer Rooms \(In Review\)](#)

### Inline Fans and Terminal Air Conditioners:

- OSP-0113-10: Greenheck Fan – Centrifugal and Axial Fans (*Expired - 12/31/2016*)
- [OSP-0122-10: Loren Cook – Filtered Air Supply Fan](#)
- OSP-0123-10: Trane – Air Terminal Devices (*Expired - 12/31/2016*)
- OSP-0219-10: Loren Cook – Inline Fan (*Expired - 12/31/2016*)
- [OSP-0302-10: Price – Air Terminal Devices](#)
- [OSP-0352-10: Titus – Air Terminal Devices](#)
- [OSP-0382-10: Trane – Air Terminal Devices](#)
- [OSP-0385-10: Johnson Controls – Blower Coils](#)
- [OSP-0413-10: Tuttle & Bailey – Air Terminal Devices](#)
- [OSP-0414-10: Krueger – Air Terminal Devices](#)
- [OSP-0452-10: Siemens – Air Terminal Devices](#)
- [OSP-0502-10: Greenheck Fan – Mixed Flow Inline Fans \(In Review\)](#)
- [OSP-0503-10: Greenheck Fan – Centrifugal Fans](#)

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## **Air Conditioning/Air Handling Units ~ cont'd**

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Variable Air Volume (VAV) Units:

- [OSP-0290-10: Phoenix Controls – Airflow Control Valves](#)
- [OSP-0379-10: Johnson Controls – Airflow Control Valves](#)
- [OSP-0387-10: Johnson Controls – VAV Terminal Units](#)

Humidification Systems:

- [OSP-0216-10: Dri-Steem – Humidification Systems](#) (*Expired - 12/31/2016*)
- [OSP-0225-10: Nortec Humidity – Humidifiers](#)
- [OSP-0477-10: Armstrong – Humidifier Systems](#) (*In Review*)

Air Filters:

- [OSP-0269-10: Dynamic – Electronic Air Cleaners](#)
- [OSP-0307-10: Genesis Air – AHU Filter Panels](#)
- [OSP-0490-10: American Green Technologies – UV Air Treatment Lighting Systems](#)

Fans:

- [OSP-0355-10: Twin City Fan – Plenum and Housed Fans](#)
- [OSP-0356-10: Greenheck – Sidewall Fans](#)
- [OSP-0272-10: ClimateCraft – Stacked Fan Array](#) (*Expired - 12/31/2016*)
- [OSP-0416-10: Huntair – Fanwall](#)

## **5. Chillers**

Absorption Chillers:

- [OSP-0373-10: BasX – Absorption Chiller](#)
- [OSP-0478-10: Sigler – Absorption Chiller](#)

Air Cooled Chillers:

- [OSP-0128-10: Trane – Air Cooled Chillers](#)
- [OSP-0135-10: Carrier – Water and Air Cooled Chillers](#) (*Expired - 12/31/2016*)
- [OSP-0169-10: Dimplex – Air Cooled Condensing Process Chillers](#)
- [OSP-0170-10: Siemens – Air Cooled Water Chillers](#)
- [OSP-0173-10: Johnson Thermal Systems – Air Cooled Chillers](#)
- [OSP-0260-10: Drake Refrigeration – Chillers](#)
- [OSP-0279-10: Haskris – Chillers & Heat Exchangers](#)
- [OSP-0317-10: Johnson Controls – Air Cooled Chillers](#)
- [OSP-0327-10: Multistack – Air Cooled Modular Packaged Water Chillers](#)
- [OSP-0367-10: Trane – Air Cooled Chillers](#)
- [OSP-0369-10: Filtrine – Air Cooled Chillers](#)
- [OSP-0374-10: Johnson Controls – Air Cooled Chillers](#)
- [OSP-0383-10: Carrier – Air Cooled Chillers](#)
- [OSP-0391-10: Daikin – Air Cooled Chillers](#)
- [OSP-0417-10: Trane – Air Cooled Chillers](#)

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## Chillers ~ cont'd

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### Water Cooled Chillers:

- [OSP-0026-10: Carrier – Chillers](#)
- OSP-0034-10: Carrier – Chillers (*Expired – 12/31/2012*)
- OSP-0045-10: Johnson Controls – Chillers (*Expired - 12/31/2016*)
- [OSP-0048-10: Climacool – Chillers and Master Control Panel](#)
- OSP-0116-10: McQuay – Chillers (*Expired - 12/31/2016*)
- OSP-0135-10: Carrier – Water and Air Cooled Chillers (*Expired - 12/31/2016*)
- [OSP-0150-10: Multistack – Chillers](#)
- [OSP-0159-10: Johnson Controls – Chillers](#)
- [OSP-0161-10: Carrier – Water Cooled and Condenser Less Chillers](#)
- OSP-0168-10: Trane – Chillers (*Expired - 12/31/2016*)
- [OSP-0188-10: Trane – Liquid Chillers](#)
- OSP-0190-10: Trane – Liquid Chillers (*Expired - 12/31/2016*)
- [OSP-0204-10: Multistack – Maglev Flooded Chillers](#)
- OSP-0205-10: Trane – Helical Rotary Water Chillers (*Expired - 12/31/2016*)
- [OSP-0250-10: Johnson Controls – Liquid Chillers](#)
- [OSP-0364-10: Tecogen – Water-cooled Natural Gas Chillers](#)
- [OSP-0406-10: Carrier – Water Cooled Chillers](#)
- [OSP-0489-10: Thermo Fisher Scientific](#)
- ~~OSP-0515-10: KKT Chillers – Water Cooled Chillers (*In Review*)~~
- ~~OSP-0516-10: Rockwell Chillers – Water Cooled Chillers (*In Review*)~~

### Condensers:

- OSP-0181-10: AAON – Condensers and Chillers (*Expired - 12/31/2016*)
- [OSP-0182-10: Emerson Network Power – Liebert Condensers](#)

### CT Scanner Cooling System:

- [OSP-0398-10: KKT Chillers – Water Cooled Chillers](#)
- [OSP-0461-10: Siemens – CT Scanner Cooling System](#)

### Heat Exchangers:

- OSP-0244-10: Ameridex – Plate Heat Exchangers (*Expired - 12/31/2016*)

## 6. Cooling Towers

- [OSP-0001-10: Baltimore Aircoil – Cooling Towers](#)
- OSP-0002-10: Baltimore Aircoil – Cooling Towers (*Expired – 12/31/2012*)
- OSP-0111-10: Evapco – Cooling Towers (*Expired - 12/31/2016*)
- [OSP-0171-10: SPX Marley – Cooling Towers](#)
- [OSP-0224-10: Baltimore Aircoil – Cooling Towers](#)
- [OSP-0289-10: Tower Tech – FRP Cooling Towers](#)
- [OSP-0368-10: Baltimore Aircoil – Cooling Towers](#)
- [OSP-0384-10: Baltimore Aircoil – Cooling Towers](#)
- [OSP-0473-10: Baltimore Aircoil – Cooling Towers](#)
- [OSP-0481-10: Evapco – Cooling Towers](#)
- ~~OSP-0488-10: Evapco – Cooling Towers (*In Review*)~~

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## 7. Radiography and Fluoroscopy Systems

[\(Categories\)](#)

- OSP-0051-10: GE Medical Systems – Radiography and Fluoroscopy System (*Expired - 12/31/2016*)
- [OSP-0061-10: Philips Healthcare – Radiography and Fluoroscopy System](#)
- OSP-0062-10: Siemens Medical Solutions – X-Ray Machines (*Expired – 12/31/2013*)
- [OSP-0081-10: Toshiba Medical Systems – Digital Radiography Imaging](#)
- OSP-0086-10: Siemens Medical Solutions – Radiography and Fluoroscopy Imaging Systems (*Expired - 12/31/2016*)
- OSP-0133-10: Toshiba Medical Systems – Radiography and Fluoroscopy Imaging Systems (*Expired - 12/31/2016*)
- OSP-0253-10: Philips Healthcare – Radiography and Fluoroscopy Components (*Expired - 12/31/2016*)
- OSP-0278-10: Quantum – Medical Imaging Devices (*Expired - 12/31/2016*)
- [OSP-0280-10: Siemens – Digital Radiography Imaging](#)
- OSP-0281-10: Toshiba – Radiography and Fluoroscopy Medical Imaging System (*Expired - 12/31/2016*)
- [OSP-0311-10: Philips Healthcare – Radiography and Fluoroscopy System](#)
- [OSP-0319-10: Shimadzu – Radiography and Fluoroscopy System](#)
- [OSP-0409-10: Siemens – Radiography and Fluoroscopy System](#)
- [OSP-0479-10: GE – Radiography Systems](#)
- [OSP-0484-10: Samsung – Radiography Systems](#)
- ~~OSP-0493-10: Siemens – Radiography Systems (*In Review*)~~
- [OSP-0497-10: Carestream – Radiography Systems](#)
- ~~OSP-0506-10: Carestream – Radiography Systems (*In Review*)~~
- [OSP-0511-10: Siemens – Radiography and Fluoroscopy Systems](#)

## 8. CT Systems

- OSP-0085-10: GE Healthcare – CT & PET-CT Systems (*Expired – 12/31/2013*)
- OSP-0100-10: Siemens Medical Solutions – CT Systems (*Expired - 12/31/2016*)
- OSP-0149-10: Philips Healthcare – CT & SPECT – CT Systems (*Expired - 12/31/2016*)
- [OSP-0174-10: Toshiba – CT Systems](#)
- OSP-0212-10: Siemens Medical Solutions – PET-CT Systems (*Expired - 12/31/2016*)
- [OSP-0239-10: GE – Medical Imaging Components](#)
- [OSP-0330-10: GE Healthcare – PET-CT Systems](#)
- [OSP-0335-10: GE – CT Systems](#)
- [OSP-0354-10: GE – CT Systems](#)
- [OSP-0357-10: Hitachi – CT Systems](#)
- [OSP-0358-10: Siemens – CT Systems](#)
- [OSP-0390-10: Siemens – CT Systems](#)
- [OSP-0394-10: GE Healthcare – CT Systems](#)
- [OSP-0397-10: GE Healthcare – CT Systems](#)
- [OSP-0407-10: Philips Healthcare – CT Systems](#)
- [OSP-0421-10: Siemens – CT Systems](#)
- [OSP-0423-10: GE Healthcare – CT Systems](#)
- [OSP-0432-10: Siemens – CT Systems](#)
- [OSP-0439-10: Siemens – PET-CT Systems](#)
- [OSP-0445-10: Siemens – CT Systems](#)
- [OSP-0463-10: Philips Healthcare – CT Systems](#)
- [OSP-0469-10: Philips Healthcare – CT Systems](#)
- [OSP-0472-10: Philips Healthcare – CT Systems](#)
- [OSP-0474-10: Siemens – CT Systems](#)
- [OSP-0509-10: Siemens – CT Systems](#)
- [OSP-0510-10: Siemens – CT Systems](#)

## 9. Nurse Call Systems

- OSP-0067-10: Rauland-Borg – Nurse Call Systems (*Expired - 12/31/2016*)
- OSP-0132-10: West-Com – Nurse Call Systems (*Expired - 12/31/2016*)
- [OSP-0179-10: Hill-Rom – Nurse Call Systems](#)
- [OSP-0198-10: Jeron Electronic Systems – Nurse Call Systems](#)
- [OSP-0207-10: Ascot – Nurse Call Systems](#)
- OSP-0288-10: Intego Software – Nurse Call Systems (*Expired - 12/31/2016*)
- [OSP-0306-10: BergElectric Nurse Call Systems](#)
- [OSP-0312-10: Tek Tone – Nurse Call Systems](#)
- [OSP-0362-10: Rauland-Borg – Nurse Call Systems](#)



# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## 10. Operating Table Systems

[\(Categories\)](#)

- [OSP-0234-10: Maquet – Operating Table Systems](#)
- [OSP-0410-10: Siemens – Operating Table System](#)

## 11. Surgical Lights

- OSP-0241-10: Maquet – Lights and Booms (*Expired - 12/31/2016*)
- [OSP-0350-10: Maquet – LED Concealed Lighting System](#)

## 12. Switchgear/Switchboards

Electrical Switchboards:

- [OSP-0010-10: Eaton – Electrical Switchboards](#)
- [OSP-0012-10: Eaton – Low Voltage Switching Devices](#)
- [OSP-0015-10: Eaton – Enclosed Control](#)
- [OSP-0022-10: Square D – Switchboards](#)
- OSP-0038-10: Square D – Switchboards (*Expired – 12/31/2013*)
- [OSP-0044-10: GE – Switchboards](#)
- [OSP-0047-10: Square D – Enclosed Heavy Duty Safety Switches](#)
- OSP-0060-10: Siemens – Safety Switches (*Expired – 12/31/2013*)
- [OSP-0089-10: Siemens – Switchboards](#)
- OSP-0304-10: GE – Switchboards (*Expired - 12/31/2016*)
- [OSP-0308-10: Z Power – Switchboards](#)
- [OSP-0309-10: GE – Enclosed Controls](#)
- [OSP-0320-10: GE – Safety Switches](#)
- [OSP-0431-10: Eaton – Switchboards](#)

Low Voltage Switchgear:

- [OSP-0007-10: Square D – Low Voltage Switchgear](#)
- [OSP-0018-10: Eaton – Low Voltage Switchgear](#)
- [OSP-0021-10: IEM – Switchgear](#)
- [OSP-0043-10: GE – Low Voltage Switchgear](#)
- [OSP-0070-10: ASCO – Switchgear](#)
- OSP-0090-10: Siemens – Low Voltage Switchgear (*Expired - 12/31/2016*)
- [OSP-0298-10: Russelectric – Low and Medium Voltage Switchgear](#)
- [OSP-0408-10: Thomson – Low and Medium Voltage Switchgear](#)

Medium Voltage Switchgear:

- [OSP-0019-10: Eaton – Medium Voltage Switchgear](#)
- [OSP-0024-10: Russelectric – Medium Voltage Switchgear](#)
- [OSP-0037-10: Square D – Medium Voltage Load Interrupter Switchgear](#)
- [OSP-0042-10: GE – Load Interrupter Switchgear](#)
- [OSP-0046-10: Square D – Medium Voltage Metal-Clad Switchgear](#)
- [OSP-0053-10: Square D – Medium Voltage Switchgear](#)
- [OSP-0103-10: Powell Industries – Medium Voltage Switchgear](#)
- OSP-0141-10: Siemens – Medium Voltage Metal-Clad Switchgear (*Expired - 12/31/2016*)
- ~~OSP-0142-10: Siemens – Medium Voltage Switchgear (*In Review*)~~
- [OSP-0157-10: G & W Electric – Switchgear](#)
- [OSP-0256-10: IEM – Medium Voltage Switchgear](#)
- [OSP-0400-10: IEM – Medium Voltage Switchgear](#)
- ~~OSP-0512-10: Siemens – Medium Voltage Switchgear (*In Review*)~~

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## 13. Motor Control Centers

[\(Categories\)](#)

Low Voltage Motor Control Centers:

- [OSP-0006-10: Eaton – Motor Control Centers](#)
- [OSP-0052-10: Square D – Low Voltage Motor Control Centers](#)
- [OSP-0074-10: Siemens – Low Voltage Motor Control Centers](#)
- [OSP-0093-10: GE – Low Voltage Motor Control Centers](#)

Medium Voltage Motor Control Centers:

- [OSP-0106-10: GE – Medium Voltage Motor Control Centers](#) (*Expired - 12/31/2016*)
- [OSP-0151-10: Eaton – Medium Voltage Motor Control Centers](#)
- [OSP-0178-10: Eaton – Medium Voltage Motor Control Centers](#)

## 14. Transformers

Dry Type Transformers:

- [OSP-0008-10: Eaton – Dry Type Transformers](#)
- [OSP-0023-10: Square D – Low Voltage Transformers](#)
- [OSP-0025-10: ABB – Dry Type Transformers](#) (*Expired - 12/31/2016*)
- [OSP-0041-10: GE – Low Voltage Transformers](#)
- [OSP-0056-10: MGM Transformer – Dry Type Transformers](#)
- [OSP-0097-10: Siemens – Dry Type Transformers](#) (*Expired - 12/31/2016*)
- [OSP-0109-10: Jefferson Electric – Dry Type Transformers](#) (*Expired - 12/31/2016*)
- [OSP-0110-10: Powersmiths – Dry Type Transformers](#) (*Expired - 12/31/2016*)
- [OSP-0136-10: Hammond – Dry Type Transformers](#)
- [OSP-0318-10: Powersmiths – Dry Type Transformers](#)
- [OSP-0332-10: Rex Power Magnetics – Dry Type Transformers](#)
- [OSP-0443-10: Rypos – Dry Type Transformers](#)
- [OSP-0462-10: Teal – Dry Type Transformers](#)
- [OSP-0476-10: Getinge – Dry Type Transformers](#)
- [OSP-0483-10: Eaglerise – Dry Type Transformers](#)

Liquid Filled Transformers:

- [OSP-0098-10: Prolec GE – Liquid Filled Transformers](#) (*Expired – 12/31/2013*)
- [OSP-0115-10: ABB – Liquid Filled Transformers](#)
- [OSP-0121-10: Cooper Power Systems – Liquid Filled Transformers](#) (*Expired - 12/31/2016*)
- [OSP-0370-10: Pacific Crest Transformers – Liquid Filled Transformers](#)
- [OSP-0399-10: Howard Industries – Liquid Filled Transformers](#)
- [OSP-0403-10: GE – Liquid Filled Transformers](#)

## 15. Electrical Substations

- [OSP-0017-10: Eaton – Unitized Power Center \(UPC\)](#) (*Expired - 12/31/2016*)
- [OSP-0059-10: Square D – Integrated Power Center \(IPC\)](#)
- [OSP-0146-10: Square D – Medium Voltage Package Substations](#) (*Expired - 12/31/2016*)
- [OSP-0441-10: Eaton – Mini Power Center](#) (*In Review*)

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## 16. UPS and Inverters

[\(Categories\)](#)

### UPS:

- OSP-0013-10: Eaton – UPS and Options Cabinets (*Expired - 12/31/2016*)
- OSP-0066-10: UP System – UPS (*Expired – 12/31/2013*)
- OSP-0101-10: Emerson Network Power – UPS & Rack (*Expired - 12/31/2016*)
- OSP-0107-10: Mitsubishi – UPS (*Expired - 12/31/2016*)
- [OSP-0119-10: Toshiba – UPS](#)
- [OSP-0144-10: APC – UPS](#)
- [OSP-0145-10: APC – UPS](#)
- [OSP-0155-10: Eaton – UPS](#)
- [OSP-0196-10: APC – UPS](#)
- [OSP-0197-10: APC – UPS](#)
- [OSP-0206-10: GE – UPS](#)
- [OSP-0220-10: APC – UPS](#)
- OSP-0228-10: Emerson Network Power – UPS (*Expired - 12/31/2016*)
- [OSP-0231-10: APC – UPS](#)
- [OSP-0251-10: APC – UPS](#)
- [OSP-0261-10: APC – UPS](#)
- OSP-0262-10: APC – Static Transfer Switches (*Expired - 12/31/2016*)
- OSP-0263-10: Siemens – UPS (*Expired - 12/31/2016*)
- OSP-0275-10: Emerson Network Power – UPS & Distribution Cabinets (*Expired - 12/31/2016*)
- OSP-0285-10: Emerson Network Power – UPS & Various Cabinets (*Expired - 12/31/2016*)
- [OSP-0315-10: GE – UPS](#)
- [OSP-0334-10: Emerson Network Power – UPS](#)
- [OSP-0336-10: Powervar – UPS](#)
- [OSP-0337-10: Eaton – UPS](#)
- [OSP-0389-10: Schneider Electric – UPS](#)
- [OSP-0405-10: Eaton – UPS](#)
- [OSP-0426-10: Active Power – UPS](#)
- [OSP-0434-10: Staco Energy – UPS](#)
- [OSP-0455-10: Schneider – UPS](#)
- [OSP-0456-10: Falcon – UPS](#)
- [OSP-0467-10: Fuji – UPS](#)
- [OSP-0471-10: Toshiba – UPS](#)
- [OSP-0486-10: Eaton – UPS](#)
- ~~OSP-0487-10: Eaton – UPS (*In Review*)~~
- [OSP-0492-10: Fuji – UPS](#)
- [OSP-0505-10: Eaton – UPS](#)
- ~~OSP-0517-10: GE – UPS (*In Review*)~~

### Flywheel Energy Storage Systems

- OSP-0163-10: Vycon – Flywheel Energy Storage System (*Expired - 12/31/2016*)
- [OSP-0300-10: Active Power – UPS](#)
- [OSP-0440-10: Vycon – Flywheel Energy Storage Systems](#)

### Lighting Inverter Systems:

- [OSP-0258-10: Myers Power Products – Lighting Inverter System](#)
- [OSP-0305-10: Myers Power Products – Lighting Inverter System](#)
- [OSP-0365-10: Hubbell Dual-Lite – Lighting Inverter System](#)
- [OSP-0496-10: Myers Powers Products – Lighting Inverter System](#)
- [OSP-0499-10: Crucial Power – Lighting Inverter System](#)
- [OSP-0500-10: Online Power – Lighting Inverter System](#)
- [OSP-0501-10: Perfect Power – Lighting Inverter System](#)

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## UPS and Inverters ~ cont'd

[\(Categories\)](#)

### Batteries:

- [OSP-0054-10: Electronic Systems Support – Battery Cabinets](#)
- [OSP-0088-10: C & C Power – Battery Cabinets](#)
- [OSP-0138-10: Power Battery – Battery Cabinets](#) (*Expired - 12/31/2016*)
- [OSP-0194-10: Square D – Battery Racks](#)
- [OSP-0264-10: Alpha Industrial Power – Battery Racks](#)
- [OSP-0274-10: APC – Battery Cabinets](#)
- [OSP-0310-10: APC – Battery Cabinets](#)
- [OSP-0465-10: Termaco – Battery Cabinets](#)
- ~~[OSP-0470-10: Tesla – Battery Cabinets](#)~~ (*In Review*)
- [OSP-0485-10: Purcell Systems – Battery Cabinets](#)

### Battery Chargers:

- [OSP-0131-10: Stored Energy Systems – Battery Chargers](#)
- [OSP-0276-10: Alpha Industrial Power – Battery Chargers](#)
- [OSP-0292-10: Alpha Industrial Power – Battery Chargers](#) (*Expired - 12/31/2016*)
- [OSP-0328-10: Alpha Industrial Power – Battery Chargers](#)
- [OSP-0329-10: Alpha Industrial Power – Battery Chargers](#)
- [OSP-0340-10: La Marche – Battery Chargers](#)
- [OSP-0377-10: Eltek – Battery Chargers](#)
- ~~[OSP-0498-10: Kohler – Battery Chargers](#)~~ (*In Review*)

## 17. Panelboards

### Electrical Panelboards:

- [OSP-0009-10: Eaton – Electrical Panelboards](#)
- [OSP-0016-10: Square-D – Panelboards](#)
- [OSP-0040-10: GE – Panelboards](#)
- [OSP-0058-10: Square D – Modular Panelboard System](#)
- [OSP-0064-10: Square D – Enclosed Circuit Breakers](#)
- [OSP-0078-10: Siemens – Panelboards](#)
- [OSP-0338-10: Eaton – Enclosed Circuit Breakers](#)
- [OSP-0428-10: Eaton – Panelboards](#)

### Power Distribution Units (PDU):

- [OSP-0162-10: Teal – Power Distribution Units](#)
- [OSP-0235-10: APC – Power Distribution Units](#)
- [OSP-0351-10: Powersmiths – Power Distribution Units](#)
- [OSP-0418-10: RF Technologies – Power Distribution Unit](#)
- [OSP-0430-10: Teal – Power Distribution Unit](#)
- [OSP-0507-10: Spellman – Power Distribution Units](#)

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## 18. Industrial Control Panels

[\(Categories\)](#)

### Fire Alarm & Security Panels:

- [OSP-0004-10: Tyco – Fire Alarm Control Panels](#)
- [OSP-0057-10: Siemens – Fire Alarm Control Panel](#)
- [OSP-0065-10: Honeywell, Silent Knight – Fire Alarm Control Panels](#)
- [OSP-0071-10: Honeywell, Fire-Lite – Fire Alarm Control Panels](#)
- [OSP-0072-10: Honeywell, Notifier – Fire Alarm Control Panels](#)
- [OSP-0073-10: Honeywell, Gamewell-FCI – Fire Alarm Control Panels](#)
- [OSP-0139-10: Kirkland – Graphic Annunciator Panels](#)
- [OSP-0154-10: Mircom – Fire Alarm Control Panels](#)
- [OSP-0233-10: Hochiki – Fire Alarm Control Panels](#)
- [OSP-0246-10: UTC – Fire Alarm Control Panels](#)
- [OSP-0265-10: Siemens – Fire Alarm Control Panels](#)
- [OSP-0273-10: Siemens – Fire Alarm Control Panels](#)
- [OSP-0286-10: Kidde Fenwal – Fire Alarm Control Panels](#)
- [OSP-0420-10: Siemens – Fire Alarm Control Panels](#)
- [OSP-0425-10: Tyco – Fire Alarm Control Panels](#)
- [OSP-0438-10: Harrington/Evax – Fire Alarm Control Panels](#)
- ~~OSP-0508-10: Bryan Steam – Alarm & Pump Panels (In Review)~~

### Fire Protection & Security Panels:

- [OSP-0031-10: UTC – Fire Protection System](#)
- [OSP-0077-10: Fike – Fire Detection Equipment Line](#)
- [OSP-0104-10: Fireflex – Integrated Fire Protection Systems \(Expired - 12/31/2016\)](#)
- [OSP-0112-10: Siemens – MXL Fire Protection System](#)
- [OSP-0158-10: ASCO – Fire Pump Controllers](#)
- [OSP-0341-10: Fireflex – Integrated Fire Protection Systems](#)
- [OSP-0342-10: Fireflex – Integrated Fire Protection Systems](#)
- [OSP-0348-10: Reliable Automatic Sprinkler – Integrated Fire Protection Systems](#)
- [OSP-0454-10: Tornatech – Fire Pump Controllers](#)

### HVAC Control Panels:

- [OSP-0055-10: Climatec – HVAC Control Panels](#)
- [OSP-0068-10: Systecon – HVAC Control Panels](#)
- [OSP-0127-10: L & H Airco – Temperature Control Panels](#)
- [OSP-0183-10: Emcor – Temperature Control Panels \(Expired - 12/31/2016\)](#)
- [OSP-0199-10: Schneider Electric – Temperature Control Panels](#)
- [OSP-0201-10: Functional Devices – AC Power Supplies for Changing Voltage](#)
- [OSP-0214-10: Sunbelt Controls – Automated Logic Control Panels](#)
- [OSP-0226-10: Southland – Temperature Control Panels \(Expired - 12/31/2016\)](#)
- [OSP-0252-10: Climatec – HVAC Control Panels](#)
- ~~OSP-0295-10: Emcor – Temperature Control Panels (In Review)~~
- [OSP-0453-10: Syserco – HVAC Control Panels](#)

### Lighting Control Panels:

- [OSP-0091-10: Acuity Brands Controls – Lighting Control Panels](#)
- [OSP-0134-10: Philips – Low-Voltage Lighting Control Panels \(Expired - 12/31/2016\)](#)
- [OSP-0164-10: Philips – Lighting Control Cabinets \(Expired - 12/31/2016\)](#)
- [OSP-0202-10: Steris – Surgical Lighting Control Panels](#)
- [OSP-0215-10: Lutron Electronics – Lighting Control Panels](#)
- [OSP-0257-10: WattStopper – Lighting Control Panels](#)
- [OSP-0427-10: Philips – Lighting Control Panels](#)
- [OSP-0458-10: Crestron – Lighting Control Panels](#)

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## Industrial Control Panels ~ cont'd

[\(Categories\)](#)

### Variable Frequency Drives (VFDs) and Starters:

- [OSP-0020-10: Square D – Packaged AC Drives & Soft Starts](#) (*Expired – 12/31/2016*)
- [OSP-0083-10: ABB – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0087-10: Danfoss – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0099-10: Eaton – MV Adjustable Frequency Drive \(AFDs\)](#) (*Expired - 12/31/2016*)
- [OSP-0137-10: Trane – Variable Frequency Drives \(VFDs\)](#) (*Expired - 12/31/2016*)
- [OSP-0156-10: Square D – Combination Starters and Lighting Contactors](#)
- [OSP-0293-10: Yaskawa – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0316-10: Danfoss – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0333-10: Trane – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0339-10: Johnson Controls – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0346-10: Siemens – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0349-10: SyncroFlo – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0363-10: Danfoss – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0396-10: Rockwell – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0411-10: Franklin – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0415-10: Toshiba – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0422-10: Armstrong – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0429-10: Eaton – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0433-10: Yaskawa – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0459-10: Siemens – Variable Frequency Drives \(VFDs\)](#)
- [OSP-0480-10: Siemens – Variable Frequency Drives \(VFDs\)](#)

### Fuel Systems Control Panels:

- [OSP-0160-10: Fuel Oil Systems – Fuel Oil Control Panels](#) (*Expired - 12/31/2016*)
- [OSP-0191-10: ElectroDesign – Fuel Oil System Control Panels](#)
- [OSP-0208-10: Lescure – Fuel Oil Control Panels](#) (*Expired - 12/31/2016*)
- [OSP-0236-10: Fuel Oil Systems – Fuel Management Systems](#) (*Expired - 12/31/2016*)
- [OSP-0287-10: Earthsafe – Fuel Systems Control Panels](#) (*Expired - 12/31/2016*)
- [OSP-0361-10: Preferred Utilities – Fuel Systems Control Panels](#)
- [OSP-0424-10: PPPI – Fuel Systems Control Panels](#)

### Building Automation Systems:

- [OSP-0140-10: Johnson Controls – Network and Security Control Panels](#)
- [OSP-0217-10: Siemens – Building Automation System](#)
- [OSP-0218-10: Siemens – Building Automation System](#)
- [OSP-0457-10: Bevco – Building Automation System](#)

### Medical System Control Panels

### Pump Control Panels:

- [OSP-0491-10: Grundfos – Custom Pump Control Panels](#)
- [OSP-0508-10: Bryan Steam – Pump Control Panels](#) (*In Review*)

### Boiler Control Panels:

- [OSP-0448-10: Parker Boiler – Boiler Control Panels](#)
- [OSP-0504-10: Preferred Utilities – Boiler Control Panels](#)

## 19. Internal Communication Servers and Routers

### Servers & Routers:

- [OSP-0003-10: Nortel Network – Private Branch Exchange \(PBX\)](#) (*Expired – 12/31/2012*)
- [OSP-0039-10: NEC – Voice Communications Server](#) (*Expired – 12/31/2013*)

### Wireless Communication Systems:

- [OSP-0294-10: Solid Technologies – Distributed Antenna Systems](#)

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## 20. Power Isolation and Correction Systems

[\(Categories\)](#)

- [OSP-0095-10: Square D – Power Correction System](#)
- [OSP-0176-10: Bender – Power Isolation Panels](#)
- OSP-0210-10: PG LifeLink – Power Isolation Distribution Panels (*Expired - 12/31/2016*)
- [OSP-0435-10: Controlled Power – Power Isolation Distribution System](#)
- [OSP-0436-10: Transtector – Power Isolation Distribution System](#)
- ~~OSP-0495-10: Powervar – Power Isolation Systems~~ (*In Review*)

## 21. Electrical Busways

- OSP-0094-10: Square D – Low Voltage Busways (*Expired - 12/31/2016*)
- [OSP-0222-10: Technibus – Medium Voltage Busways](#)
- [OSP-0314-10: GE – Spectra Busway](#)

## 22. Grounding Systems

- [OSP-0177-10: Post Glover Resistors – Neutral Grounding Resistors](#)
- [OSP-0186-10: Post Glover Resistors – High-Resistance Grounding Systems](#)
- [OSP-0345-10: I-Gard – Neutral Grounding Resistors](#)
- [OSP-0482-10: Post Glover – Neutral Grounding Device](#)

## 23. Misc. Medical Equipment

IV Fluid Warmers:

- OSP-0284-10: Entermics Medical Solutions – IV Fluid Warmers (*Expired - 12/31/2016*)

Biological Safety Cabinets:

- ~~OSP-0247-10: Baker – Biological Safety Cabinet~~ (*In Review*)

## 24. Medical Gas and Vacuum Systems

Medical Air and Vacuum Systems:

- [OSP-0291-10: Beacon Medaes – Medical Air Systems](#)
- [OSP-0322-10: Beacon Medaes – Medical Vacuum Systems](#)
- [OSP-0380-10: Powerex – Medical Air Systems](#)
- [OSP-0393-10: Powerex – Medical Vacuum Systems](#)
- [OSP-0447-10: Amico – Medical Air and Vacuum Systems](#)

Medical Gas Systems:

- [OSP-0200-10: Cryoquip – Cryogenic Fluid Vaporizers](#)
- OSP-0221-10: Praxair – Medical Oxygen Supply Regulator Module (*Expired - 12/31/2016*)