

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## 1. Emergency and Standby Power Systems

### Generators:

- OSP-0028-10: Cummins – Generator Sets
- OSP-0082-10: Kohler – Generator Sets
- OSP-0084-10: Caterpillar – Generator Sets
- OSP-0117-10: MTU – Generator Sets
- OSP-0189-10: Kohler – Electrical Power Generator
- OSP-0259-10: Peterson Power Systems – Diesel Generator
- ~~OSP-0268-10: Cummins – Generator Sets~~

### 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
- OSP-0172-10: Caterpillar – Automatic Transfer Switches
- OSP-0193-10: MTU – Automatic Transfer Switches

### Paralleling Switchgear Controls:

- OSP-0030-10: Cummins – Digital Master Controllers
- OSP-0036-10: GE Zenith Controls – Paralleling Switchgear Controls
- OSP-0120-10: Kohler – Switchgear Control Panels

### Miscellaneous Generator Support Components:

- OSP-0129-10: YoungTouchtone – Radiators
- OSP-0130-10: YoungTouchtone – Charge Air Coolers
- OSP-0131-10: Stored Energy Systems – Battery Chargers
- 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~~

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## 2. Elevator Equipment (except elevator cabs)

Elevator Controllers:

- OSP-0092-10: Otis Elevator – Elevator Controllers
- OSP-0124-10: Computerized Elevator Control – Elevator Controllers
- OSP-0143-10: ThyssenKrupp Elevator – Elevator Controllers
- OSP-0166-10: ThyssenKrupp Elevator – Hydraulic Elevator Controllers
- OSP-0175-10: Kone – Elevator Controllers & Drives
- OSP-0209-10: ThyssenKrupp Elevator – Traction Elevator Controllers
- OSP-0245-10: Smartrise –Elevator Controllers

Elevator Control Panels:

- OSP-0011-10: Eaton – Elevator Control Panels & Switches
- OSP-0240-10: Elevator Controls – Elevator Control Panels

## 3. Components with Hazardous Contents

Batteries:

- OSP-0054-10: Electronic Systems Support – Battery Cabinets
- OSP-0088-10: C & C Power - Battery Cabinets
- OSP-0138-10: Power Battery – Battery Cabinets
- OSP-0194-10: Square D – Battery Racks
- OSP-0264-10: Alpha Industrial Power – Battery Racks

Fuel Tanks:

- OSP-0126-10: Professional Power Products – Fuel Tanks
- OSP-0185-10: Global Power Components – Fuel Tanks
- OSP-0187-10: Phoenix Power Products – Fuel Tanks
- OSP-0254-10: Tramont – Fuel Tanks

Medical Gas Systems:

- OSP-0200-10: Cryoquip – Cryogenic Fluid Vaporizers
- OSP-0221-10: Praxair – Medical Oxygen Supply Regulator Module

## 4. Exhaust/Smoke Control Fans

- OSP-0033-10: Loren Cook – Exhaust/Smoke Control Fans
- OSP-0102-10: Loren Cook – Centrifugal Blowers
- OSP-0148-10: Greenheck Fan – Centrifugal Ventilation Fans
- OSP-0195-10: Twin City Fan – Utility Centrifugal Ventilating Fans
- OSP-0223-10: Greenheck Fan – Mixed Flow and Lab Exhaust Fans
- ~~OSP-0271-10: Twin City Fan – Inline Fans~~

## OSHPD Special Seismic Certification Preapproval (OSP) by Category

### 5. 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~~
- OSP-0079-10: Temtrol – Custom Air Handling Units
- OSP-0080-10: Governair – Custom Air Handling Units
- ~~OSP-0118-10: Alliance – Custom Air Handling Units~~
- OSP-0242-10: Trane – Custom Air Handling Units
- OSP-0243-10: Johnson Controls – Custom Air Handling Units
- ~~OSP-0248-10: Scott Springfield – Custom Air Handling Units~~

#### Packaged Air Handling Units:

- OSP-0027-10: Carrier – Roof Top Air Handling Units
- OSP-0050-10: Trane – Packaged Air Handling Units
- OSP-0147-10: Johnson Controls – Packaged Air Handling Units
- OSP-0153-10: Carrier – Roof Top Air Conditioning Units
- OSP-0180-10: AAON – Packaged Rooftop Air Handling Units
- OSP-0203-10: Trane – Packaged Air Handling Units
- OSP-0213-10: York – Packaged Air Handling Units
- OSP-0229-10: Cascade Air Systems– Compact Cabinet Fans
- 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

#### Split Air Conditioning and Fan Coil Units:

- OSP-0105-10: Greenheck Fan – Fan Coil Air Handling Units
- OSP-0108-10: Mitsubishi – Split Air Conditioners and Heat Pumps
- OSP-0125-10: Carrier – Split Condensing and Fan Coil Units
- OSP-0211-10: IEC – Hydronic Fan Coils
- OSP-0227-10: Xpedair – Hydronic Fan Coils
- OSP-0229-10: Carrier– Hydronic Fan Coils

#### Data Room Air Conditioners:

- OSP-0049-10: Emerson Network Power – Liebert Air Conditioners for Computer Rooms
- 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

#### Inline Fans & Terminal Air Conditioners:

- OSP-0113-10: Greenheck Fan – Centrifugal and Axial Fans
- OSP-0122-10: Loren Cook – Filtered Air Supply Fan
- OSP-0123-10: Trane – Air Terminal Devices
- OSP-0219-10: Loren Cook – Inline Fan

#### Biological Safety Cabinets

- ~~OSP-0247-10: Baker – Biological Safety Cabinet~~

#### Humidification Systems:

- OSP-0216-10: Dri-Steam – Humidification Systems
- OSP-0225-10: Walter Meier – Humidifiers

#### Air Filters:

- OSP-0269-10: Dynamic – Electronic Air Cleaners

#### Stacked Fan Array:

- ~~OSP-0272-10: ClimateCraft – Stacked Fan Array~~

## OSHPD Special Seismic Certification Preapproval (OSP) by Category

### 6. Chillers

#### Water Cooled Chillers:

- OSP-0026-10: Carrier – Chillers
- OSP-0034-10: Carrier – Chillers
- OSP-0045-10: Johnson Controls – Chillers
- OSP-0048-10: Climacool – Chillers and Master Control Panel
- OSP-0116-10: McQuay – Chillers
- OSP-0135-10: Carrier – Water and Air Cooled Chillers
- OSP-0150-10: Multistack – Chillers
- OSP-0159-10: Johnson Controls – Chillers
- OSP-0161-10: Carrier – Water Cooled and Condenser less Chillers
- OSP-0167-10: Smardt– Chillers
- OSP-0168-10: Trane – Chillers
- OSP-0188-10: Trane – Liquid Chillers
- OSP-0190-10: Trane – Liquid Chillers
- OSP-0204-10: Multistack – Maglev Flooded Chillers
- OSP-0205-10: Trane – Helical Rotary Water Chillers
- OSP-0250-10: Johnson Controls – Liquid Chillers

#### Air Cooled Chillers:

- OSP-0128-10: Trane – Air Cooled Chillers
- OSP-0135-10: Carrier – Water and Air Cooled Chillers
- 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-0184-10: Carrier – Air Cooled Chillers
- OSP-0260-10: Drake Refrigeration – Chillers

#### Condensers:

- OSP-0181-10: AAON – Condensers and Chillers
- OSP-0182-10: Emerson Network Power – Liebert Condensers

#### Heat Exchangers:

- ~~OSP-0242-10: Ameridex – Plate Heat Exchangers~~

### 7. Cooling Towers

- OSP-0001-10: Baltimore Aircoil - Cooling Towers
- OSP-0002-10: Baltimore Aircoil - Cooling Towers
- OSP-0111-10: Evapco - Cooling Towers
- OSP-0171-10: SPX Marley - Cooling Towers
- OSP-0224-10: Baltimore Aircoil - Cooling Towers

## OSHPD Special Seismic Certification Preapproval (OSP) by Category

### **8. Radiography and Fluoroscopy System in Fluoroscopy rooms**

- OSP-0051-10: GE Medical Systems - Radiography and Fluoroscopy System
- OSP-0061-10: Philips Healthcare – Radiography and Fluoroscopy System
- OSP-0062-10: Siemens Medical Solutions - X-Ray Machines
- OSP-0081-10: Toshiba Medical Systems - X-Ray Machines
- OSP-0086-10: Siemens Medical Solutions - Radiography and Fluoroscopy Imaging Systems
- OSP-0133-10: Toshiba Medical Systems – Radiography and Fluoroscopy Imaging Systems
- OSP-0253-10: Philips Healthcare – Radiography and Fluoroscopy Components

### **9. CT Systems**

- OSP-0085-10: GE Healthcare – CT & PET-CT Systems
- OSP-0100-10: Siemens Medical Solutions – CT Systems
- OSP-0149-10: Philips Healthcare – CT & SPECT – CT Systems
- OSP-0174-10: Toshiba –CT Systems
- OSP-0212-10: Siemens Medical Solutions – PET-CT Systems
- OSP-0239-10: GE - Medical Imaging Components

### **10. Nurse Call Systems**

- OSP-0067-10: Rauland-Borg – Nurse Call Systems
- OSP-0132-10: West-Com – Nurse Call Systems
- OSP-0179-10: Hill-Rom – Nurse Call Systems
- OSP-0198-10: Jeron Electronic Systems – Nurse Call Systems
- OSP-0207-10: GE – Nurse Call Systems

### **11. Operating Table Systems**

- ~~OSP-0234-10: Maquet – Operating Table Systems~~

### **12. Surgical Lights**

- ~~OSP-0241-10: Maquet – Lights and Booms~~

## OSHPD Special Seismic Certification Preapproval (OSP) by Category

### 13. Switchgear/Switchboards

#### Low Voltage Switchgear:

- OSP-0005-10: Russelectric – Low Voltage Switchgear
- OSP-0007-10: Square D – Low Voltage Switchgear
- OSP-0018-10: Eaton – Low Voltage Switchgear
- OSP-0021-10: IEM - Switchgear
- OSP-0023-10: Square D - Low Voltage Switchgear
- OSP-0043-10: GE – Low Voltage Switchgear
- OSP-0070-10: ASCO – Switchgear
- OSP-0090-10: Siemens – Low Voltage Switchgear

#### Switchboards:

- OSP-0022-10: Square D – Switchboards
- OSP-0038-10: Square D – Switchboards
- OSP-0047-10: Square D – Enclosed Heavy Duty Safety Switches

#### 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
- ~~OSP-0142-10: Siemens – Medium Voltage Switchgear~~
- OSP-0157-10: G & W Electric – Switchgear
- OSP-0256-10: IEM - Medium Voltage Switchgear

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## 14. Motor Control Centers

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
- OSP-0151-10: Eaton – Medium Voltage Motor Control Centers

## 15. 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
- OSP-0041-10: GE - Low Voltage Transformers
- OSP-0056-10: MGM Transformer – Dry Type Transformers
- OSP-0097-10: Siemens – Dry Type Transformers
- OSP-0109-10: Jefferson Electric – Dry Type Transformers
- OSP-0110-10: Powersmiths – Dry Type Transformers
- OSP-0136-10: Hammond – Dry Type Transformers

Liquid Filled Transformers:

- OSP-0098-10: Prolec GE - Liquid Filled Transformers
- OSP-0115-10: ABB – Liquid Filled Transformers
- OSP-0121-10: Cooper Power Systems – Liquid Filled Transformers

## 16. Electrical Substations

- OSP-0017-10: Eaton – Unitized Power Center (UPC)
- OSP-0059-10: Square D – Integrated Power Center (IPC)
- OSP-0146-10: Square D – Medium Voltage Package Substations

## 17. UPS

- OSP-0013-10: Eaton – UPS and Options Cabinets
- OSP-0066-10: UP System – UPS
- OSP-0101-10: Emerson Network Power – UPS & Rack
- OSP-0107-10: Mitsubishi – UPS
- OSP-0119-10: Toshiba – UPS
- OSP-0144-10: APC – UPS
- OSP-0145-10: APC – UPS
- OSP-0163-10: VYCON – Flywheel Energy Storage System
- 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
- OSP-0231-10: APC – UPS
- OSP-0251-10: APC – UPS
- OSP-0258-10: Myers Power Products – Lighting Inverter System
- OSP-0261-10: APC – UPS
- OSP-0262-10: APC – Static Transfer Switches
- OSP-0263-10: Siemens – UPS

## OSHPD Special Seismic Certification Preapproval (OSP) by Category

### 18. Distribution Panels

#### Electrical Panelboards:

- OSP-0009-10: Eaton – Electrical Panelboards
- OSP-0016-10: Square-D – Panelboards
- OSP-0021-10: IEM - 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

#### Electrical Switchboards:

- OSP-0010-10: Eaton – Electrical Switchboards
- OSP-0012-10: Eaton – Low Voltage Switching Devices
- OSP-0015-10: Eaton – Enclosed Control
- OSP-0044-10: GE - Switchboards
- OSP-0047-10: Square D – Enclosed Heavy Duty Safety Switches
- OSP-0060-10: Siemens – Safety Switches
- OSP-0089-10: Siemens – Switchboards

#### Power Distribution Units (PDU):

- OSP-0162-10: Teal – Power Distribution Units
- OSP-0235-10: APC – Power Distribution Units

# OSHPD Special Seismic Certification Preapproval (OSP) by Category

## 19. Control Panels

### Fire Alarm Panels:

- OSP-0004-10: SimplexGrinnell -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

### Fire Protection Panels:

- OSP-0031-10: UTC – Fire Protection System
- OSP-0077-10: Fike – Fire Detection Equipment Line
- OSP-0104-10: Fireflex – Integrated Fire Protection Systems
- OSP-0112-10: Siemens – MXL Fire Protection System
- OSP-0158-10: ASCO – Fire Pump Controllers
- ~~OSP-0165-10: Eaton – 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
- 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
- OSP-0252-10: Climatec – HVAC Control Panels

### Lighting Control Panels:

- OSP-0091-10: Acuity Brands Controls – Lighting Control Panels
- OSP-0134-10: Philips– Low-Voltage Lighting Control Panels
- OSP-0164-10: Philips – Lighting Control Cabinets
- OSP-0202-10: Steris – Surgical Lighting Control Panels
- OSP-0215-10: Lutron Electronics – Lighting Control Panels
- OSP-0257-10: WattStopper – Lighting Control Panels

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

- OSP-0020-10: Square D – Packaged AC Drives & Soft Starts
- 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)
- OSP-0137-10: Trane - Variable Frequency Drives (VFDs)
- OSP-0156-10: Square D – Combination Starters and Lighting Contactors
- ~~OSP-0155-10: Eaton – Medium Voltage Variable Frequency Drives (VFDs)~~

## **OSHPD Special Seismic Certification Preapproval (OSP) by Category**

Fuel Oil Control Panels:

- OSP-0160-10: Fuel Oil Systems – Fuel Oil Control Panels
- OSP-0191-10: ElectroDesign – Fuel Oil System Control Panels
- OSP-0208-10: Lescure – Fuel Oil Control Panels
- OSP-0236-10: Fuel Oil Systems – Fuel Management System

### **20. Internal Communication Servers and Routers**

- OSP-0003-10: Nortel Network - Private Branch Exchange (PBX)
- OSP-0039-10: NEC - Voice Communications Server
- OSP-0140-10: Johnson Controls – Network and Security Control Panels

Building Automation Systems:

- OSP-0217-10: Siemens – Building Automation System
- OSP-0218-10: Siemens – Building Automation System

### **21. Power Isolation and Correction Systems**

- OSP-0095-10: Square D –Power Correction Systems
- OSP-0176-10: Bender – Power Isolation Panels
- OSP-0210-10: PG LifeLink – Isolated Power Distribution Panels

### **22. Electrical Busways & Grounding Systems**

- OSP-0094-10: Square D – Low Voltage Busways
- ~~OSP-0178-10: Eaton – Low Voltage Busways~~
- OSP-0177-10: Post Glover Resistors – Neutral Grounding Resistors
- OSP-0186-10: Post Glover Resistors – High-Resistance Grounding Systems
- OSP-0222-10: Technibus – Medium Voltage Busways