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## **Introduction to OSHA Construction Electrical Safety**

Fatality and Injury Statistics

[Source](#)

[Source](#)

Roles and Responsibilities

1926.416(a)

[Federal Law](#)

State and Local laws can also be applicable

## **Design Safety Standards for Electrical Systems on Construction Sites**

Approval and Examination

1926.403

Interrupting Rating, and Mounting, and Cooling of Equipment

1926.403(c)

Electrical Connections, Arcing Parts, Markings, and Disconnecting Devices

1926.403(f)

1926.403(g)

1926.403(h)

Design Safety Standards for Equipment Operating at 600 Volts or Less

1926.403(h)

Guarding of Live Parts, 600 Volts or Less

1926.403(h)

Design Safety Standards for Equipment Operating at more than 600 Volts

1926.403(j)

Enclosures for Electrical Installations-More Than 600 Volts

1926.403(j)(2)

Installations Accessible to Unqualified People-More Than 600 Volts

1926.403(j)(2)(ii)

Space Around Electrical Equipment, More Than 600 Volts

1926.403(j)(3)

Working Space, Entrances, and Illumination-More Than 600 Volts

1926.403(j)(3)

**Wiring Design and Protection**

Branch Circuits and Receptacles

1926.404(b)

Assured Equipment Grounding Conductor Program

1926.404(b)(iii)

Outside Conductors, 600 Volts or Less

1926.404(c)

Clearances

1926.404(c)

Services

1926.404(d)

Overcurrent Protection

1926.404(e)

Grounding

1926.404(f)

Portable and Vehicle-Mounted Systems

1926.404(f)

Grounding Connections

1926.404(f)

Methods of Grounding Fixed Equipment

1926.404(f)

**Wiring Methods, Components, and Equipment for General Use**

Temporary Wiring

1926.405(a)(2)

Branch Circuits

1926.405(a)(2)(B)

Receptacles and Disconnections

1926.405(a)

Lighting, Changes, and Cords

1926.405(a)

Cabinets, Boxes, and Fittings

1926.405(b)

Switches

1926.405(c)

Conductors for General Wiring

1926.405(f)

Portable Cables Over 600 Volts, Nominal

1926.405(h)

Splices

1926.405(g)

Fixture Wires

1926.405(g)

Attachment Plugs

1926.405(g)

Appliances

1926.405(g)

Motors, Motor Circuits, and Controllers

1926.405(h)

Transformers and Capacitors

1926.405(h)

**Specialized Purpose Equipment, Locations, and Systems**

1926.441

Cranes and Hoists

1926.406(a)

Elevators, Escalators, and Moving Walks

1926.406(b)

Electric Welders

1926.406(c)

X-Ray Equipment

1926.406(d)

### **Hazardous Location Classification**

Classifications

1926.407(a)

Electrical Installations

1926.407(b)

### **Special Systems**

Interrupting and Isolating Devices

1926.408(a)(2)

Mobile and Portable Equipment

1926.408(a)(3)

Tunnel Installations

1926.408(a)(4)

### **Safety-Related Work Practices**

1926.416 and 1926.417

Training

Content of Training

General Work Practices

Work Practices Related to Passageways, Load Ratings, and Fuses

Work Practices Related to the Use of Equipment

Lock-Out and Tagging of Circuits

1926.417

Use of Protective Equipment

Equipment Care

Use of Special Equipment