

ELECTRICAL CONTRACTORS HAZARD INFORMATION

In 2016, there were **78 fatal injuries** and **21,900 estimated nonfatal injuries and illnesses** among electrical and wiring contractors (U.S. Bureau of Labor Statistics). Finding and fixing hazards ensures workers go home safe and sound every day. Use the information below to find and fix hazards in your company.

CORE ELEMENTS OF SAFETY AND HEALTH PROGRAMS

1. Management Leadership



2. Worker Participation



3. Finding & Fixing Hazards



TOP OSHA CITATIONS Electrical Contractors

- Fall protection during aerial lift use (1926.453(b)(2)(v) and 1910.67(c)(2)(v))
- Fall protection from walking/working surface with an unprotected edge of 6 feet or more (1926.501(b)(1))
- Protection against electric shock from electric power circuit (1926.416(a)(1))
- Protection of conductors entering boxes, cabinets, or fittings from abrasion (1926.405(b)(1))

Source: OSHA Information System (OIS), 2011-2018, NAICS 238210

TOP INJURY EVENTS Electrical Contractors

Fatal Events

- Exposure to electricity
- Falls to lower level
- Roadway motor vehicle incidents

Nonfatal Events

- Struck by or against object
- Falls to lower level or same level
- Overexertion in lifting or lowering
- Slips or trips, without falls
- Exposure to harmful substances or environments

Source: U.S. Bureau of Labor Statistics, 2011-2016, NAICS 23821

RESOURCES ON FIXING HAZARDS

- [Electrical Contractors Industry](#). OSHA Safety and Health Topics Page. Provides information on preventing electrocution, falls, motor vehicle accidents, and ergonomic injuries.
- [Workplace Safety](#). IEC web page. Provides safety resources, videos, toolbox talks, OSHA compliance assistance, and GHS resources.
- [Ergonomics eTool: Solutions for Electrical Contractors](#). OSHA eTool. Describes common ergonomic hazards electrical contractors may encounter and possible solutions.
- [Electrical Power Generation, Transmission and Distribution](#). OSHA eTool. Describes the obligation of employers to develop hazard prevention and control methods to prevent injuries and illnesses.
- [Electrical Safety in the Workplace \(NFPA 70E\) PowerPoint Training Presentation](#). OSHA and IEC Alliance. 2013. Provides information about electrical safety practices and procedures.
- [240/120 Volt Single-Phase Electrical Work Safety Program](#). OSHA and IEC Alliance. 2011. Describes the hazards involved in working on or near energized electrical conductors and circuit parts.