Workplace Safety: Avoid Common Electrical Hazards

Contact with or exposure to **electricity** is one of the leading causes of **workplace fatalities.** Follow these tips to **avoid electrical injuries.**

Overhead Power Line Contact

49% of all electrical fatalities are caused by **contact with overhead power lines**

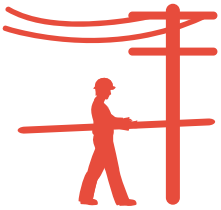
83% of overhead power line fatalities were in **non-electrical occupations**

Always assume all lines are **live and dangerous**

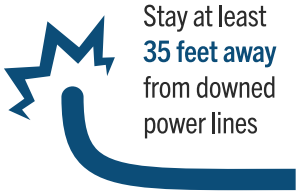
Always look up; **be aware** of overhead power lines

Keep yourself and equipment at least **10 feet away** from overhead power lines

Do not touch anything that is **in contact** with overhead power lines



Carry equipment, including ladders, **horizontally** to avoid contact with power lines



Stay at least **35 feet away** from downed power lines

Accidental Contact with Energized Conductors or Parts

32% of all electrical fatalities were caused by working on or near energized conductors or parts

41% of these fatalities were in electrical occupations

Always **test for voltage** before you perform work. Be sure to also test the area around the equipment you are working on to avoid accidental contact with energized equipment

Always perform a **site and risk assessment** before conducting work. Hazards exist on and near the equipment you are working on

When possible, **turn off power** before conducting work

Follow proper **lockout / tagout procedures**

Avoid **complacency**. Every job is different, make sure you **follow the hierarchy** of controls and other electrical safety work practices on every job

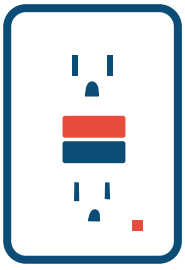
Electrical Safety in the Workplace

70% of all electrical fatalities involved **non-electrical occupations**

Know when to say when. If you feel unsafe performing a job, **say something**

Be aware of **potential electrical hazards** in the workplace. Avoid electrical rooms and other potentially hazardous areas

All electrical work should be completed by **qualified workers** with proper training



GFCI protection should be installed where **electricity and water** may come in contact

5 sources accounted for **89% of all electrical fatalities**

Please share this free resource to save lives