



Engineer *Safety* Gram

ARMY SAFE IS ARMY STRONG



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Can't Touch This!

Almost any kind of job you can think of today involves using electricity. That is why it is important for everyone to understand how to avoid electrical shock. There are many different kinds of electrical hazards, depending on the kind of place where you work. Whether the electrical shock comes from an overhead transmission line or an incorrectly grounded power tool, the results can be equally fatal.



Here are some key training points you can use to help keep all your workers safe.

Don't use...

- ◆ Cords or wires with damaged or worn insulation.
- ◆ Electrical equipment that smokes, sparks, shocks, smells, blows a fuse, or trips a circuit.
- ◆ Cords or electrical equipment in areas with explosive or flammable materials that are not approved for this specific use.
- ◆ A cord where the grounding has been disabled.
- ◆ A metal ladder or hard hat when working near electricity.
- ◆ Metal tools to work on electrical equipment.
- ◆ Electrical cords to raise or lower equipment.
- ◆ Extension cords unless necessary, and then only use a cord that is rated high enough for the job.

Don't touch...

- ◆ Anything electric when your hands are wet, when you're standing on a wet floor, or when you're in contact with a wet surface.
- ◆ An electrical fire or an electrical shock victim.

Don't place...

- ◆ Cords where they can be stepped on, run over by material handling equipment, or damaged in any other way.
- ◆ Cords near heat or water.
- ◆ Sharp fasteners or nails on electrical cords.

Don't permit...

- ◆ Overloaded outlets or circuits.
- ◆ Loose electrical connections.
- ◆ Dust or dirt buildup on machinery.
- ◆ Blind reaches into any areas that may contain energized parts.
- ◆ Combustible trash on or around electrical equipment or circuits.
- ◆ Anyone who isn't trained and qualified to repair electrical equipment.
- ◆ Attempts to use or start locked or tagged out electrical equipment.
- ◆ Unauthorized removal or a lockout device or tag.
- ◆ Any hesitation in calling trained emergency responders for electrical fires, shock, or serious burns.

***Caution must be used around all electrical circuits and equipment.
Never underestimate the potential for electrical shock.***

