

Checklist

The fundamentals of electrical safety can be overlooked, especially by seasoned electricians. It's worth reviewing a few safety tips, both for the novice electrician and the veteran.

Checklist

- ☐ Use a meter that meets accepted safety standards for the environment in which it will be used.
- ☐ Use a meter with fused current inputs and be sure to check the fuses before making current measurements.
- ☐ Inspect test leads for physical damage before making a measurement.
- ☐ Use the meter to check continuity of the test leads.
- ☐ Use test leads that have shrouded connectors and finger guards.
- ☐ Use meters with recessed input jacks.
- ☐ Select the proper function and range for your measurement.
- ☐ Be certain the meter is in good operating condition.
- ☐ Follow all equipment safety procedures.
- ☐ Always disconnect the "hot" (red) test lead first.
- ☐ Don't work alone.
- ☐ Use a meter that has overload protection on the ohms function.
- ☐ When measuring current without a current clamp, turn the power off before connecting into the circuit.
- ☐ Be aware of high-current and high-voltage situations and use the appropriate equipment, such as high-voltage probes and high-current clamps.

Electrical Safety

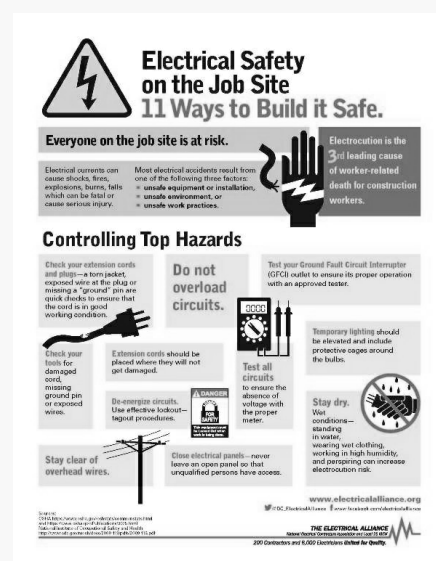


Electrical Shock Effect

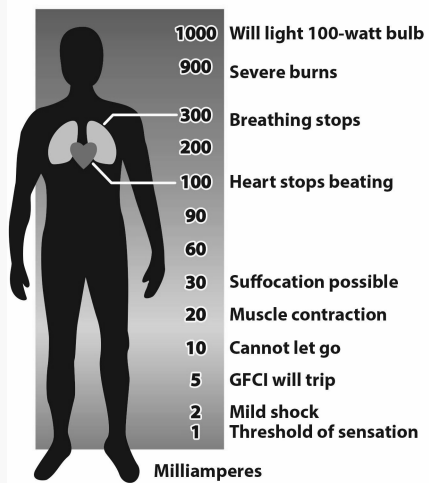
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Electricity's Effects



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