



Electrical Construction Wiring – State Contest Update 2023

Review the contest Technical Standards for more information!

The Technical Standards online the competition at the national level and are used to prepare the state-level competition. This document outlines any differences between the state and national contest, as it relates to those standards.

SUPPLIES AND MATERIALS

Each contestant is required to bring the following equipment, tools and material to the competition. The care, use and transportation of the tools and equipment to and from the contest is the responsibility of the contestant. All tools must meet proper OSHA safety standards. **Each contestant must have tools, sharing of tools is not permissible.**

Required Equipment and Materials Supplied By The Contestant:

- 2017 or newer National Electric Code Book
- Electrician' knife
- 2 common screwdrivers (#4 & #6)
- Phillips screwdriver
- 1 pair linesman's pliers
- 1 pair diagonals
- 1 keyhole/drywall saw
- 1 pair needle nose pliers
- 1 hacksaw (with spare blades)
- 2 pair channellocks
- 1 pair wire strippers
- 1 torpedo level
- 1 claw hammer
- 1 MC cutter (roto-splitter or equal)
- ½" EMT bender
- 1 tape measure, 10' min.
- 1 battery powered drill motor 3/8" with 3/4" butterfly bit & ¼" steel bit
- 1 pair safety glasses
- 1 hard hat

NOTE:

The above list is a minimum. Competitors may bring other hand tools, but no materials or power tools (except the battery drill) are allowed.

The contestant must wear appropriate SKILLSUSA clothing and personal protective equipment during the performance of the competition. **Protective equipment includes approved safety glasses and hard hats.**

Each contestant is required to bring at least (2) sharpened pencils for the written portion of the competition. It is also recommended that each contestant bring a battery-operated calculator.

The calculator function **cannot** be used on any electronic device i.e., cell phone, smart phone, tablet etc. It is preferred that the contestants not have them on their person but if they do, they **must be turned off** not just silenced.

***** The contestant will not be permitted to compete in the wiring competition if they do not have the required safety gear, including a hard hat and safety glasses.**