

# ELECTRICAL CONSTRUCTION WIRING UPDATE

## 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 allowed.

### *Required equipment and materials:*

- Electrician' knife
- 2 common screwdrivers (#4 & #6)
- Phillips screwdriver
- 1 pair linesman's pliers
- 1 pair diagonal pliers
- 1 keyhole/drywall saw
- 1 pair needle nose pliers
- 1 hacksaw (with spare blades).
- 1 conduit reamer
- 1 pair wire strippers
- 1 torpedo level
- 1 claw hammer
- ½" EMT foot bender
- 1 tape measure, 10' min.
- 1 battery powered drill motor 3/8" with 3/4" wood butterfly (paddle) & Phillips head bit.
- 1 pair clear safety glasses. Tinted glasses will not be allowed where competition is held inside.
- 1 hard hat
- 1 carpenter pencil, No. 2 pencil, or sharpie of any color.
- 1 printed copy of resume.
- Ugly's Electrical Reference book is strongly recommended (for help with conduit bending calculations).

### 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.

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