

## **Single Phase Two Wire Tie-In/Un-Tie**

### **Chief Judge: Larry Aguayo**

### **(Apprentice Event)**

**Mean Time:** 6 minutes

**Drop Dead Time:** 8 minutes

#### **Event Summary:**

The apprentice will have a 5-minute set-up time to prepare for the event and ask any questions. This event is considered a Re-conduct of #2 primary, and leather gloves can be used. Framing on this event will be Two-phase. On both sides of a 10 ft fiberglass arm, the apprentice will need to remove the #2 ACSR wire from the roller and tie it onto the top of the insulator with #4 aluminum tie. After tying in the conductor, the apprentice will remove the roller and move it to the opposite side of the arm. Once done, untie the #2 conductor and lay it in the roller. The apprentice will need to use a handline to pull materials up and down.

NOTE: The Apprentice can prepare the #4 aluminum tie wire during the 5-minute setup.

#### **Event Description:**

1. Event time begins on the judge's signal, with the apprentice an arm's length from the pole and the fall arrest system detached from the pole.
2. The apprentice will transition over the mainline neutral.
3. The Phase must be tied in on the top of the insulator.
4. The roller is required to move to the opposite side of the arm.
5. Apprentice SHALL transfer over the neutral.
6. The apprentice will be required to have a handline to pull up and lower the tie wires to the ground.
7. The judge will inspect the ties from the ground.
8. The rollers must be locked with the wire inside before returning to the ground.

#### **Material Provided:**

#4 aluminum tie wire