



## **3 $\phi$ Fuse Replacement**

### **Chief Judge: Darin Koehler**

(Apprentice Event)

**Mean Time:** 10 minutes

**Drop Dead Time:** 15 minutes

#### **Event Summary:**

This event will be Rubber Gloves ground – to – ground and the apprentice shall perform the task complying with all safe work practices. Time will start at the judge's signal. This event will require the apprentice to change the fuse links from all three cut-out switches and close the switches simulating restoring power.

#### **Event Description:**

1. The Apprentice will have 5 minutes to ask questions, set up and gather the replacement fuses. During the 5 minutes the apprentice may lay out their hand line and may attach their canvas bag to the handline.
2. The Apprentice may begin the event with their climbing tools on.
3. The Apprentice shall ascend the pole with a hand line (½" Rope minimum)
4. The Apprentice shall hang the hand line on the pole before they pull up their canvas bag with the fuses in it. (Fuses shall be raised and lowered in the canvas bag on the hand line).
5. Apprentice will open the three cut-out switches and replace the fuses in all three cutouts.
6. A Fuse Hot stick will be provided and will be placed inside a bag hanging 10 feet below the equipment arm and it will be hanging from a j-hook. The hot stick will be placed into the bag with the universal disconnect hook up, failure to do will result in a 2 point deduction.
7. The 8 ft fiberglass fuse hot stick cannot come in contact with any part of the body while opening or closing the doors. The hook must be in the disconnect ring for opening and closing the cut-out switches.
8. The only tools that can be used to tighten nuts and caps on the fuse holder doors are adjustable wrenches, speed wrenches or fixed wrenches. Using pliers of any kind will be a 2 point deduction.
9. When all three fuses have been changed, the apprentice shall clearly say "COMING HOT" and then close the cutout doors, put the fiberglass hot stick back into the bag and lower it to the ground before descending the pole.
10. The Apprentice shall call head ache before dropping the hand line block. The hand line block must drop inside the painted ten foot work zone circle.
11. Time stops when the climber has both feet on the ground with the fall arrest still attached for adjustment verification.

#### **Notes:**

- All equipment and material must come up and down on the handline.
- The Apprentice shall supply the canvas bag to raise and lower the fuses.

#### **Materials Provided:**

- 8ft Fiberglass Fuse Hot Stick with universal head and bag to hold it on pole