

## Individual Skills Climb

Mean Time = 20 minutes ~ Dead Time = 25 minutes

**Event Description:** This event is designed to allow the lineman to demonstrate the basic skills of knot tying and installing and removing pole hardware.

A 40' pole will be used. A polymer cutout will be mounted on an MIF bracket that is mounted 18 inches from the top of the pole. A 15kva transformer will be mounted 24" below and at a 45deg angle from the MIF bracket. The high side bushing of the transformer will be connected to the cutout with #6 solid copper. The participant must open the cutout and lower the fuse to the ground using an extendo stick before climbing the pole. The participant shall remove the existing cutout, lower it to the ground, and raise the replacement cutout with a handline or tagline without cutouts contacting each other. The replacement cutout shall be installed on the MIF and reconnected to the transformer.

There will be a crossarm and braces mounted 10' below the mounting hole of the MIF bracket that contains a polymer lightning arrestor mounted to supplied hanger. The participant must move the arrestor to the other hanger on the opposite end of the crossarm.

Another crossarm and braces will be mounted 10' below the other crossarm. There will be a 10' piece of sling rope tied around the arm outside of the brace bolt. Each end of the rope must be untied and retied on the opposite end of the arm, outside of the brace bolt, making a bowline knot with one end of the rope and a clove hitch with the other end of rope.

Fuse barrel will be reinstalled in the cutout using an extendo stick.

Time will stop when the cutout is closed.

The sequence in which the participant moves the equipment from the original position to the new position can be decided by the participant.

### **Basic Outline:**

1. Time starts when on the judges "ready, set, go"
2. Participants may begin with tools on.
3. Participant may begin event holding the extendo stick.

### **Possible Deductions (2pts.):**

Revised: 7/25/2019

**1. Infractions of any rules listed in the General Rules**

**Other Notes / Reminders:**

- 1. Participants may use leather gloves on the ground but must use rubber gloves while on the pole.**
- 2. Participants shall furnish their own extendo sticks.**
- 3. Participants shall furnish their own handline or tagline.**
- 4. Tasks may be performed in any order once the cutout is open and fuse barrel is on the ground.**