



## **Lightning Arrester Jumper Replacement Chief Judge: Ross Whitehurst (Apprentice Event)**

**Mean Time:** 10 Minutes

**Drop Dead Time:** 15 Minutes

### **Event Summary:**

The Apprentice will be replacing (2) lightning arrester jumpers that are mounted on an 8' wooden crossarm 30" below the top crossarm at the top of a 40' wood pole. There will be a neutral conductor 9' down from the top arm and a stick bag with a shotgun stick. The pole ground will stop just below the neutral about 6". The Apprentice SHALL wear primary rubber gloves ground to ground.

### **Event Description:**

1. See General Rules
2. The Apprentice will be given a five-minute set up time to ask questions and lay out material. Materials can be assembled on the ground in the five- minute set up time.
3. Workers shall not wear their climbers while working on the ground.
4. Protective work gloves and safety glasses shall be worn while setting up tools, equipment and materials.
5. Event timing begins when the Judge signals or Apprentice signals to begin.
6. All material shall be pulled up and down the pole using your hand line. (bag is optional)
7. The Apprentice shall climb the pole to the neutral and un-tap both arresters with the provided shotgun stick.
8. The shotgun stick will be hanging in a bag at that location 6" below the neutral bolt
9. The Apprentice will ascend to the bottom crossarm to replace both jumpers.
10. The Apprentice will descend back below the neutral and tap the jumpers back on.
11. The hotline clamp must not be touching the insulator or tie wire.
12. Time stops when the Apprentice has completed the event and has both feet on the ground.
13. Judging will continue until all materials and tools are packed up and the event site is restored to its original condition

### **Materials Provided:**

- (2) Pre-cut lengths of #6 solid copper (about 36 inches)
- (2) Hotline clamps
- 5' Stick bag (hanging)
- 6' Shotgun stick (hanging)