

4KV Alley Arm Insulator Change-out

Chief Judge: Gaspo Dixon

(Journeyman Event)

Mean Time: 11 minutes

Drop Dead Time: 14 minutes (4KV Rubber gloving event)

Event Summary:

This is a simulated 4KV energized event on #2 ACSR three-phase straight line circuit with a single eight-foot wooden crossarm, braced with a seven-foot alley-arm. The event will consist of changing out the center phase pin insulator.

Event Specifications:

1. The time will start at the judge's signal with everyone an arm's length from the pole.
2. Time will stop when last man has both feet on the ground.
3. The conductor shall be tied in with a preform tie with grommet.
4. The Neutral shall be covered on both sides along with the spool, Inside phase & insulator, Center phase, Center phase insulator (unless proper clearance can be maintained while covering outside phase), Crossarm – on both sides of the center phase pin (arm guard or blanket), and the outside phase insulator shall be covered at a minimum and can be covered before the other phases if the cover is installed with sticks while maintaining MAD from the other phases.
5. A new preform tie will be used and picked up upon entering event. (Old grommet can fall yelling headache, new one cannot).
6. If needed, a screwdriver will be utilized in this event for the purpose of removing or installing the preform tie.
7. Two points of control will be maintained at all times. (Two hands or one stick being held by two hands are considered "one point" and top of insulator and/or crossarm will be considered "second point").
8. The center phase will be laid temporarily on the covered crossarm and will have at least two insulation levels.
9. All material will go up and down in a material bag.

Material Provided:

Preformed tie for #2 ACSR

Pin Insulator