



12KV Polymer Suspension Insulator Change Out

Chief Judge: Todd Prangle

(Journeyman Event)

Mean Time: 10 minutes

Drop Dead Time: 15 minutes

Event Summary:

The object of this event is to change out two Polymer Suspension Insulators on load side of the cut outs mounted on an 8' cross arm. Teams must equipotential ground the load side conductor before they can replace the Polymer Suspension Insulators. Teams must verbally acknowledge opening (dropping load on Cut outs) and verbally closing or picking up load on cut outs.

Event Specifications:

1. Teams will have 5 minutes to set up. All tools and cover must be kept off the ground using a tarp supplied by the competitor.
2. There will be two polymer suspension insulators at the base of the pole when the team reaches their event.
3. Time starts at the judge's signal.
4. The neutral and neutral clevis must be covered before any work can be done above.
5. Minimum approach distance must be maintained (simulated 12kv voltage).
6. Cutouts must be opened with a hotstick, remove the hot line clamps on the line side and cover line side primary.
7. Teams must test and equipotential ground load side. (single point bracket grounding WILL NOT be acceptable)
8. Teams will replace both polymer suspension insulators on the load side. The pins must be inserted where the cotter keys are facing in towards the pole.
9. All permanent connections must be brushed...NOT SIMULATED (both hotline clamps and stirrup are considered permanent connections).
10. Once the grounds have been removed, the neutral must be covered again before the hot line clamps can be put back online.
11. Once the hot line clamps have been reinstalled, the team can close the cutouts on the pole and time will stop when both climbers are on the ground or when both climbers are on the ground, the groundman can close the cutouts and time will stop when scope stick has been retracted and placed back on the mat.
12. Judging will continue until all material is picked up and the event site is restored to the original condition.
13. Polymer suspension insulators must be placed back at the base of the pole when the team leaves and must have the pins and cotter keys inserted in them.
14. All general rodeo rules apply.