

Chief Judge: Gaspo Dixon

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4KV CROSS ARM CHANGE OUT

(Team Event)

Mean Time: 10 minutes

Drop Dead Time: 15 minutes

Event Summary:

The three phase conductors (#2 ACSR) are considered energized at 4kV. The existing 8 foot cross-arm and insulators must be replaced. A complete set of all necessary hardware will be available on the ground at each event pole. The new cross-arm and insulators will be assembled after time starts.

Competitors will replace existing cross-arm with new equipment and re-secure conductors with new wrap-lock ties. All insulators must be removed from cross-arm with the nut/square washers back on the stud bolts before the event is considered complete.

Event Specifications:

1. See General Rules.
2. Teams will be allowed a 5-minute setup time before starting the event.
3. Time starts at the judge's signal.
4. The new cross-arm will be made up after the event starts.
5. Linemen may assist the groundman with rigging the new cross arm but will not be allowed to wear climbing tools while assisting without gaff guards on.
6. B Phase insulator and conductor shall be covered to maintain MAD.
7. Opposite phases shall not be worked at the same time.
8. Cross-arm must be covered while the ties are being removed and installed. One lineman must control the conductor while the other ties and unties.
9. Conductors can be floated as long as they are covered properly to protect from incidental contact. 2 points of control must be maintained while moving the conductor (Both Lineman).
10. Conductors are secured on an insulator with #2 ACSR wrap lock ties. (Screwdriver may be used to remove wrap lock ties, no knives or pliers)
11. After new cross arm is installed, conductors must be re-secured with wrap-lock ties. (Screwdriver may be used to install wrap lock ties, no knives or pliers).
12. The old rubber grommet may fall to the ground; the new one must be installed.
13. Hand-line must be railroaded down.
14. Time stops when both Linemen are back on the ground and the cross-arm is broken down.

JOURNEYMAN TEAM 4KV CROSS ARM CHANGE OUT

