



## 2-35kV Insulator Change Out on 8' Fiberglass Arm

**Mean Time:** 8 minutes

**Drop Dead:** 12 minutes

**Chief Judge:** Nick Short, *Lakeland Electric*

### Event Summary:

In this event the two phase conductors (#2 AAAC) are considered dead and grounded. The existing 8 ft. fiberglass arm has a damaged insulators on both ends and must be changed out. A complete set of all necessary hardware will be available on the ground at each event pole. The material may be rigged during set up time. The apprentice will take a hand line up the pole. A nose bag with the insulators and tie wires must be attached to the hand line. The apprentice must raise the new hardware in the bag by himself. The apprentice must lower the old hardware in the bag safely to the ground. The apprentice must notify judge before railroading block and dropping out the handline. Time will stop when apprentice returns to the ground and has made up the handline.

### Event Specifics:

1. See General Rules.
2. Apprentice will be allowed a 5-minute setup time before starting the event.
3. Time starts at the judge's signal.
4. The new insulator will already be rigged.
5. Conductor can be floated.
6. Conductors are secured on the 35kV porcelain insulator with #2 AAAC wrap lock ties. (A screwdriver may be used to remove wrap lock tie, no knives or pliers.)
7. After new insulator is installed, the conductor must be re-secured with wrap-lock tie. (A screwdriver may be used to install wrap lock ties, no knives or pliers.)
8. Grommet must be changed, there is no penalty if old grommet is dropped as long as headache is called.
9. All work on the ground must be done with gaff guards on (if a gaff guard falls off it will be a 2 point deduction) if you choose to not take your tools off.

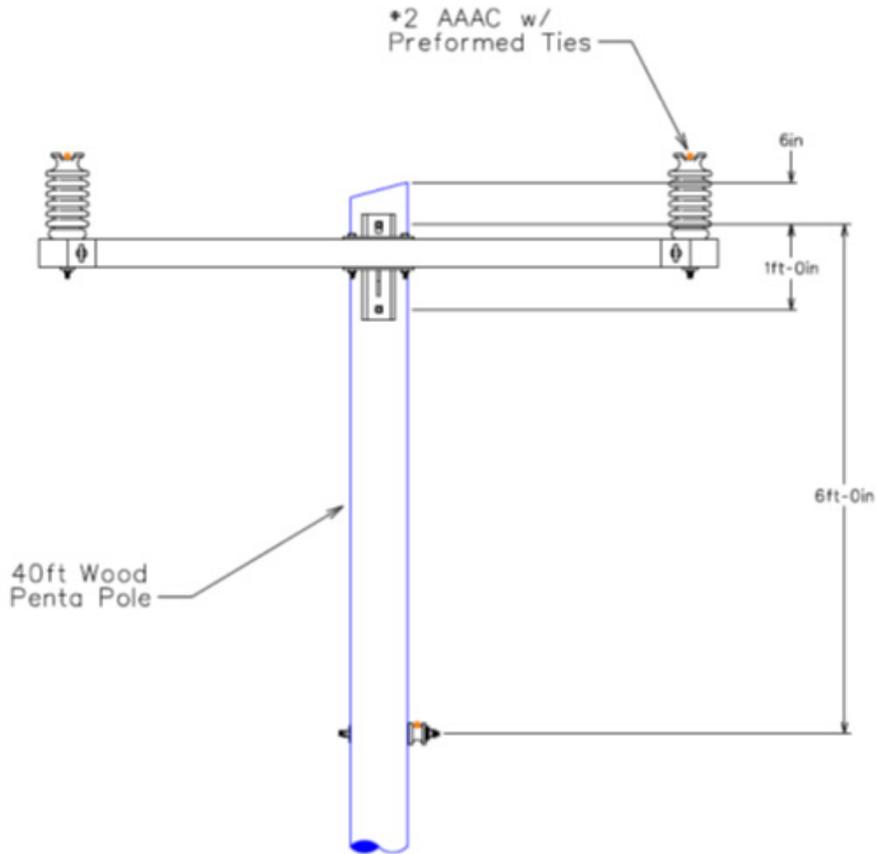
### Apprentices will provide their own:

- Handline
- Nose bag
- Climbing tools



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NONE	NON-STANDARD 8-FT FG DE CROSSARM 2-35kV POST INSULATORS	ASSEMBLY
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3-PH, 8-ft FG DE Crossarm, 35kV Post Insulators

Drafted By: BRS	10/30/18	OVERHEAD DISTRIBUTION SECTION	
Revision By: Nrc			
Approved By:			
Manager of Engineering			