

2022 - 4kV Cross Arm Change

Event: Simulated 4kV energized, rubber gloves required

Drop Dead Time: 25 minutes

Event Summary:

The purpose of this event is to change out an 8-foot crossarm and existing hardware. The crossarm will be changed out complete with bolts, braces, insulator pins, and insulators. This is a team event requiring two climbers to perform the work on the pole.

Event Description:

1. Teams will be given 5 minutes set up time for questions. Fall arrest must be properly adjusted and rubber gloves checked during this time.
2. The following material will be on the ground or in a bin at the pole when teams enter the event:
 - 1-8' wood crossarm
 - 1- 16"x 5/8" thru-bolt
 - 2- crossarm braces
 - 2- brace carriage bolts
 - 1- 12"x 5/8" brace bolt
 - 2- insulator pins
 - 2- insulators
3. Material should be checked during set up time to make sure all hardware is there.
4. Hardware cannot be assembled until event time starts.
5. Linemen may assist with assembly of hardware but will not be allowed to wear hooks/gaffs while doing so.
6. Time starts on the judge's signal with fall arrest system attached to the pole if desired.
7. Neutral and neutral clevis must be covered before ascending above.
8. Pole top insulator & center phase must be covered.
9. Primary cover must be used when moving the primary wires.
10. Conductors will be allowed to float but must be controlled while removing & replacing.
11. Material not attached to the 8' crossarm must be raised and lowered in a material bag.
12. Time will stop when both climbers have both feet on the ground.
13. All removed hardware must be placed back on the ground or in the bin in the same condition it was found at the start of the event.
14. All general rules apply.