

2026 4kV Angle Dead-end Insulator Changeout

Event: Simulated changeout of 1 dead-end insulator used to support and insulate 4kV primary wire on single phase corner pole. Rubber gloves required

Drop Dead Time: 20 minutes

Event Summary:

Event construction is a 4kV single phase corner pole. Primary wire is supported by 1 dead-end insulator and a CMA-2 angle clamp. The dead-end insulator shall be changed out by two climbers and one groundman. Must use 2 strap hoists & insulated link sticks attached to pole with slings to replace dead-end insulator.

Event Description:

1. Teams will be given 5 minutes for set up and questions. Fall arrest must be properly adjusted and rubber gloves checked during this time.
2. Time starts with the judge's signal with fall arrest system of first climber attached to the pole. First climber brings up handline.
3. Neutral and neutral clamp must be covered before ascending above.
4. Second climber can't start until first climber is in position.
5. Strap hoists are attached to pole with insulated link sticks
6. Dead-end insulator is sent down to ground and sent back up to be installed
7. Second climber descends after first climber reaches the ground and un-belts from the pole. Second climber brings handline down and removes and sends down neutral coverup.
8. Time stops when second climber reaches the ground with both feet
9. All general rules apply.