



4KV Vertical Pole Top Insulator Change Out

Chief Judge: Pete Montgomery

(Journeyman Team Event)

Mean Time: 15 Minutes

Drop Dead Time: 23 Minutes

Event Summary

This event is a simulated energized 4kV event and consists of replacing the pin-type insulator in the top position on a 3-phase pole (Vertical Construction).

EVENT DESCRIPTION:

1. The conductor will be tied in with a preform tie with rubber-tube.
2. The Neutral must be covered both sides with clevis and all three Primary phases must be covered.
3. A new preform tie will be used and picked up upon entering event and can be carried up on tool belt (old tube can fall yelling headache, new one cannot)
4. If needed, a screwdriver will be utilized in this event for the purpose of removing or installing the preform.
5. Two points of control will be maintained at all times. (Two hands or one stick being held by two hands are considered "one point" and top of insulator and/or pole will be considered "second point".)
6. The top phase will be laid temporary on the covered pole top and will have at least two levels of insulation.
7. The insulator will be maneuvered up and down the pole in a material bag.
8. Old preformed tie and old tube will be disposed of at judge's discretion.

MATERIALS PROVIDED:

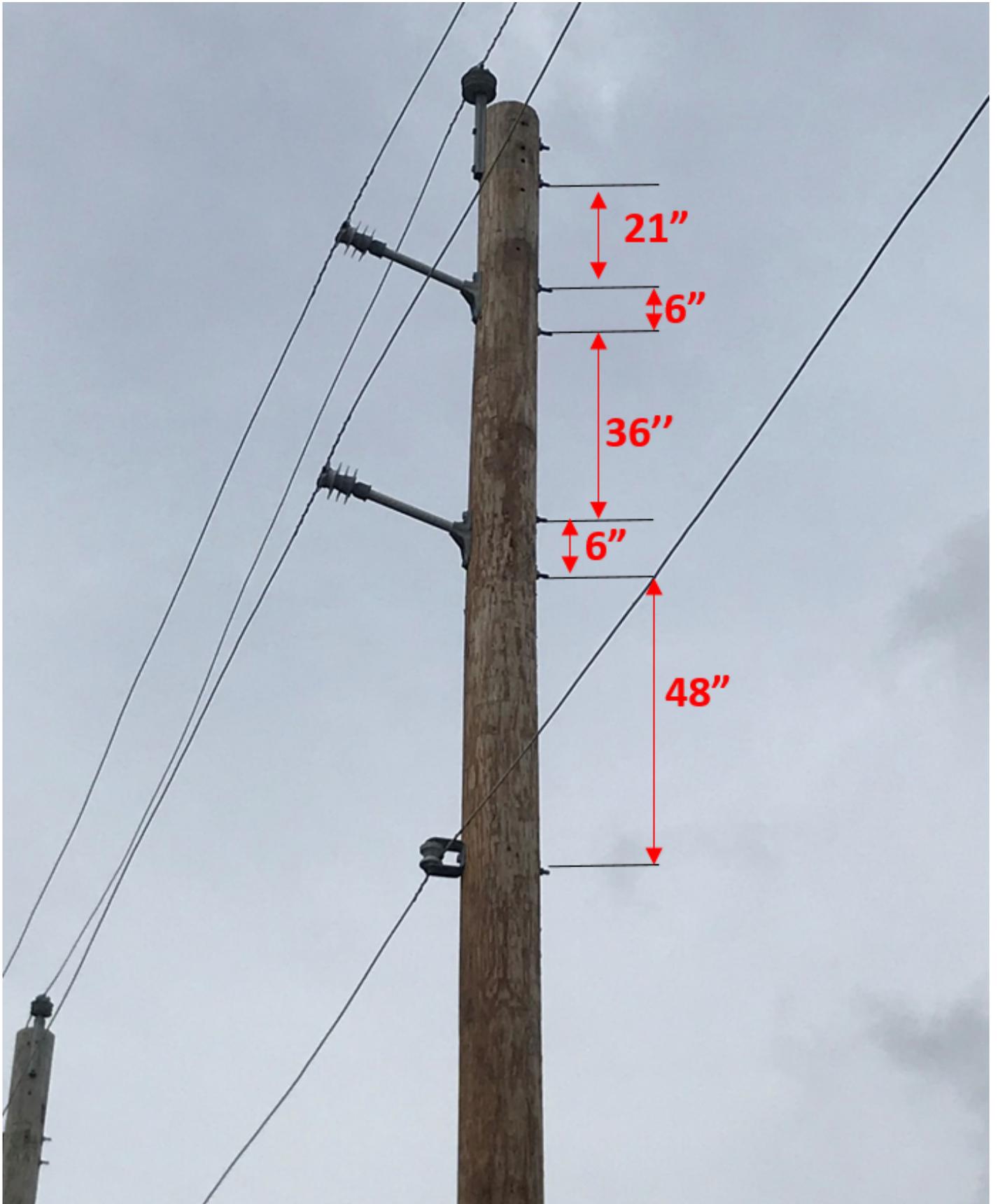
- 1: F-neck pin type insulator.
- 1: Preform tie for #2 ACSR

Time stops when the apprentice's first foot touches the ground. The fall arrest must remain attached for proper adjustment verification by the event judge.

Rodeo Material List 2018

Insulator Change Out

Pole Top Pin	Chance 2170
Poly Insulator	Hendrix 55-4
Stand Off Brackets	Hubbell 1SBM12H14
Clevis	Chance 0337
Spool	Chance DE455
Top Ties	Preform UTF1204
Spool Ties	Preform EZSP-4374



21"

6"

36"

6"

48"