



12kV Arrestor Change Out

Chief Judge: Cody Raveling

(Journeyman Event)

Mean Time: 15 minutes

Drop Dead: 23 minutes

Event Summary: This event will require the team to change both cross-arm mounted lightning arresters on an energized 12kV two-phase tangent line.

Event Description:

1. Teams will be allowed a 5-minute set-up time.
2. Time starts at judge's signal.
3. Climber's must wear class 2 or higher rated rubber-gloves ground to ground.
4. The neutral (both sides & clevis) shall be covered.
5. The primary, including insulator, must be covered (at minimum, the work position side). Primary cover must be put on and removed with hot-sticks while maintaining MAD.
6. Team will proceed to replace both arresters.
7. All connections shall be wired brushed.
8. The arrester stingers will be pre-made up but must be checked and installed on the new arresters after time starts.
9. All materials, tools and equipment must be sent up and down on handline or in material-bag.
10. Team shall remove old stingers from old arresters before event is complete.
11. Time stops when both feet of the last climber are on the ground and all material is broken down.

Materials provided:

- Arresters
- Stingers
- Hot line clamps