

10' Crossarm Change

(Journeyman)

Chief Judge: Joe Sawyer

Mean Time: 15 Minutes

Drop Dead Time: 23 Minutes

Event Summary: Teams will be required to replace the 10' fiberglass crossarm on a three-phase structure. New insulators, insulator pins, and through bolts will be supplied and may be replaced at the team's discretion. Hardware replacement (bolts) is not required if team inspects and declares components to be mechanically sound. This is simulated de-energized 12 KV event. Teams will be required to test and ground the structure following the 1st Edition Santee Cooper Safety Manual for equipotential grounding. The primary may be floated while crossarm is being replaced.

Event Description:

1. Teams will be allowed a 5-minute setup time. The team may direct questions to the judge at this time.
2. No cover is required since the structure will be effectively grounded.
3. Time starts at the judge's signal with the fall arrest not attached to the pole.
4. While the structure is effectively grounded, the grounds become primary protection. Workers may transition to work gloves during this period.
5. No hardware can be installed on the new crossarm until the event time begins.
6. The middle phase is supported on a pole top pin. Replacement of the middle component is not required.
7. New preform ties and rubber grommets must be installed on outside phases (old grommets must be head ached).
8. Time stops when the old crossarm is completely stripped out and arranged neatly and both climbers reach the ground with fall arrest belts removed (material must be restored to the original condition).
9. All general rules apply.

