

Apprentice -**DEAD-END BELL CHANGE OUT**

Chief Judge: Chad Bellamy

Event Time: 12 Minutes

Drop Dead Time: 18 Minutes

Apprentices will be required to ground a single-phase dead-end structure and change out the dead-end bell. This event is simulated de-energized 12 KV.

Apprentices will be required to test and ground the structure before changing out the dead-end bell. Apprentices must follow the 1st Edition Santee Cooper Safety Manual rules for equipotential grounding. A handline will be hanging from the top of the pole. There will be no arrestor on the structure.

1. The apprentice will have 5 minutes to set-up. The apprentice may direct questions to the judge at this time.
2. No cover is required since the structure will be effectively grounded.
3. A handline, snatch blocks, one sling, one grip, one new dead-end poly bell, 2 2/0 copper grounds and a grunt bag with a hook will also be provided and must be used.
4. Bags can be loaded during the set-up time.
5. A grounding bracket will be pre-installed on the pole.
6. A handline will be hanging at the top of the pole on a L-bracket that is connected to a C-bracket.
7. A shotgun stick with a universal adapter and tester will be hanging from a clevis on the back of the pole at the neutral location.
8. Time starts at the judge's signal.
9. The apprentice must indicate to the judge that phase have been tested and are deenergized.
10. The apprentice must indicate to the judge that the structure is effectively grounded.
11. All pins on the dead-end bell must be facing the same direction.
12. Time stops when the apprentice has completed the task and has both feet on the ground.
13. Judging will continue until the event site is returned to its original condition and ready for the next competitor.
14. All general rules apply.

