



Service Connection

Chief Judge: Fredrick Rumery

(Apprentice Event)

Mean Time: 7 minutes

Drop Dead Time: 11 minutes

Event Summary:

In this event, a #2 triplex service drop will be dead-ended between a meter loop pole located approximately 4 feet from the ground and a transformer pole. At the start of the event the apprentice will make up the connections at the meter loop pole beginning with the neutral. The phases will be skinned by verbal simulation and the jacket of the wire will be left on underneath the connectors being used. Next, the apprentice will put on their belt and hooks and ascend the transformer pole. When a working position is reached, the apprentice will then make the connections of the triplex to the three transformer legs beginning with the neutral connection. Again, the phases will be skinned by verbal simulation and the jacket will be left on underneath the connectors being used. Once connections are made, the apprentice will descend the pole, remove their belt and hooks, and check for correct voltage at the meter loop pole. Rubber gloves and a handline **will** be required for this event. The handline must be hung before any work on the pole takes place.

Event Specifications:

1. The apprentice will receive six connectors upon entrance to the event.
2. The apprentice will be allowed a 5-minute setup time.
3. Time starts at the judge's signal.
4. The apprentice must simulate stripping and wire brushing all connections before the connectors are installed.
5. Time stops when the apprentice signals that the service voltage tested correctly at the meter housing.
NOTE: Belt and hooks **must be removed** after the climbing portion of the event has been completed.
6. After the completion of the event, the apprentice will remove the connectors at the meter pole and clean-up the work area while being judged.

Material Provided:

- Connectors: UCG25RS
- Voltmeter