



2019 Journeyman Event

IN-LINE SWITCH CHANGE OUT

Mean Time: 14 MIN

Drop Dead Time: 19 MIN

This event consists of changing out an in-line switch after the 14.4kV line has been de-energized, tested, tagged and grounded. The team will be required to open a solid blade cut-out which represents the feed to the line they will be working on. Once there is a visible open, they will be required to test, tag and ground the line on each side of the switch using a shotgun stick from below the neutral, prior to removing the in-line switch. Grounding shall require the use of rubber gloves. Once the line is determined to be DEAD and GROUNDED, the climbers may pass the neutral and use leather gloves for the removal of the switch.

The in-line switch will be jacked out using a strap hoist, lowered to the ground, and raised back up for re-installation. After the switch is re-installed, the climbers move below the neutral where the last climber will remove the grounds using a shotgun stick with rubber gloves. Once the last climber is on the ground, the Groundman may remove the tag and close the solid blade cut-out, stopping the time.

- All special tools will be provided (pole tag, strap hoist, shotgun stick, extendo-stick and tester)
- Rubber gloves shall be worn as specified.
- Team will have five minutes to set-up and ask questions. The team will signal when they are ready
- Climbing pole shall be sounded with a hammer and can be completed during the set-up time
- Time starts when the judge signals "GO"
- Climbers can have gear on but not be strapped to the pole until the solid blade is open
- The neutral will be treated as energized until the system is grounded, incidental contact with a gloved hand will be allowed.
- Time stops when the solid blade is closed
- All tools and material not in use must remain on the tarp.