

## **OCR Change-out Team**

Mean Time = 22 minutes ~ Dead Time = 27 minutes

**Event Description:** This event is designed to allow teams to demonstrate their ability in the changing of an OCR mounted on an energized pole with various equipment. This will require knowledge of good work practices and good communication and planning with the team.

### **Basic Outline:**

1. Teams will have a maximum of 5 minutes for questions and set-up. Poles must be sounded with a hammer prior to climbing. This may be done during set-up time.
2. The material and tools will be in a designated area. **(handline, shotgun and long stick must be provided by teams).**
3. The new stingers cannot be assembled until the time begins.
4. Time starts upon judge's signal after given a ready signal from the team.
5. The bypass cut out can only be closed from the ground by the ground-man.
6. The neutral must be completely covered with the cover up that will be furnished.
7. The event must be performed in rubber gloves and sleeves.
8. The OCR must be changed using a transformer gin that is provided.
9. The minimum approach distance of 2' 2" must be maintained at all times.
10. The OCR must be lowered to the ground, removed from the hand-line, stingers changed, reattached to the hand-line and then sent back to the linemen for re-installation.
11. The event must be reconstructed to its original state.

12. The cutout cannot be opened by the groundman until the last lineman's first foot hits the ground.
13. Time stops when the cutout is opened.

### Possible Deductions:

1. Infractions of any rules listed in the General Rules. The amount of deduction will be as listed in the General Rules.
2. Failure to sound pole with hammer prior to climbing.
3. Sloppy installation (must leave pole in "as found" working condition). (2 pts)
4. Contact with an uncovered neutral with any part of the body except the rubber glove or rubber sleeve. (10pts)
5. Violation of minimum approach distance. (10pts)
6. Improper operation of the bypass cut-out (i.e. operated from the pole or not using the fuse barrel ring). (2 pts)
7. Failure to properly de-energize / re-energize OCR. (2 pts)
8. Failure to properly hang/remove transformer gin. (2 pts)
9. Failure to complete the event as described. (2pts)

### Other Notes / Reminders:

1. Material will be furnished- tools must be brought by individual teams (handline, shotgun and long stick). Sling will be provided for lowering/raising the OCR.
2. The use of gloves and sleeves is mandatory.

### Judges Instructions

1. A team may choose the method that they want to perform the task. They may choose to keep two men on the ground to assist in the assembly and hand-line work. A second lineman may go up the pole at any time if it is done according to the general rules.
2. During the 5-minute set up, the linemen may not assemble the "stingers"
3. Maintaining proper minimum approach and the proper use of sleeves should be judged closely.

