

## OCR Replacement Chief Judge: Drew Jordan (Journeyman Event)

**Mean Time:** 15 minutes

**Drop Dead Time:** 23 minutes

### Event Summary:

This event consists of replacing a pole mounted oil circuit recloser (OCR) on a single-phase distribution line. Electric continuity must be maintained at all times. A single-phase OCR with an approximate weight of 205 lbs. will be used. Orientation of the OCR with source/load direction is indicated on the event diagram. The hood covering the open-close/auto-manual switches is on the right, or source side of the device (see diagram).

### Event Specifications:

1. The OCR must be placed on no-automatic reclose ("R" switch) prior to any switching and returned to reclosing position at the completion of the event.
2. OCR will be equipped with a non-reclosing lever and a manual operating lever (open/close ring)
3. To start the event, with an extendo stick the groundman will get an "R" switch and then close the by-pass switch and open the OCR from the ground. The extendo stick must be fully retracted and placed flat on the tarp before pole can be climbed.
4. Neutral cover is required (both sides and clevis).
5. OCR jumpers must be replaced; this may be done in the air or on the ground.
6. OCR jumpers are # 4 soft drawn solid copper and standard hot line clamps will be used.
7. New jumpers will already be cut and can be made up after event starts.
8. At a minimum two single blocks shall be used to lower/raise the OCR.
9. The OCR must be secured by rigging at all times when it is not hanging on the mounting bolts.
10. The linemen on the pole may assist the ground-worker while raising/lowering the OCR.
11. OCR must be lowered all the way to the ground. The original OCR will be re-used. It does not have to be detached from rigging; it only has to touch the ground.
12. All connections must be brushed including the stirrups.
13. OCR must be tested closed prior to opening bypass switch. This will be done by connecting the source-side jumper then closing the OCR and testing load-side jumper while being held in shotgun stick in the clear and using a primary contact/potential tester. Teams may utilize a specific painted eye-bolt or similar item to mimic a potential tester.
14. After both linemen are on the ground, the groundman will open the by-pass switch and then release the "R" switch from the ground.
15. Time stops when the extendo stick is fully retracted and placed flat on the tarp.