



**2023 Journeyman
4 KV Insulator Change with Floater and Cutout
Mean Time: 13 Minutes
Drop Dead Time: 18 Minutes**

This is a 4 KV event and will entail utilizing the rubber-glove method from the pole. Class 2 rubber-gloves are required while changing two drop in pin insulators on an 8' wood crossarm attached to a 40' pole. There will be a solid blade cutout installed providing continuity around a float installed on the conductor just off the crossarm. The cutout must be by-passed when raising the conductor off the pins.

- Teams will be allowed a 5-minute setup time before starting the event.
- Time starts at judge's signal.
- Ground to ground rubber-glove rule applies.
- Both sides of neutral and spool must be covered.
- Cover-up is needed on primary conductor and crossarms and proper minimum approach distances must be maintained.
- Jumper must be installed with shotgun sticks to by-pass the cut-out.
- Once the new insulators are installed, the conductor shall be re-tied, jumper and cover-up removed, cut-out closed.
- Time stops when both linemen are on the ground.
- All materials and tools must be sent up/down with hand line and all tools must be on the tarp.