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Team Relay Challenge

Mean Time: 12 minutes
Drop Dead Time: 14 minutes

Objective: Two climbers and a groundman work together to safely and efficiently replace insulators on a de-energized B-phase line on a 40-foot pole. This event is not grounded so cover-up of the neutral and phases will be required. Rubber gloves are required. One climber will use a quick tie (#2 Z tie) and the other climber will use a 3-2-1 aluminum tie (7ft by 5in). You can choose which climber does what tie. All material must come up and down in a material bag. Handline is required. Screwdriver may be used. No knives or channel locks allowed. On the 3-2-1 side, there will be a #2 armor rod. All general rules apply. Ties will be provided.

Sequence of Events:

1. **Groundman Isolates Line:** Using an extendo stick, the groundman opens two cutouts, one on each side of the arm, ensuring the line is completely de-energized. This operation must be performed within the designated ring.

2. **Cover-up:** Both sides of the neutral and the primary wire must be covered before any work is performed.

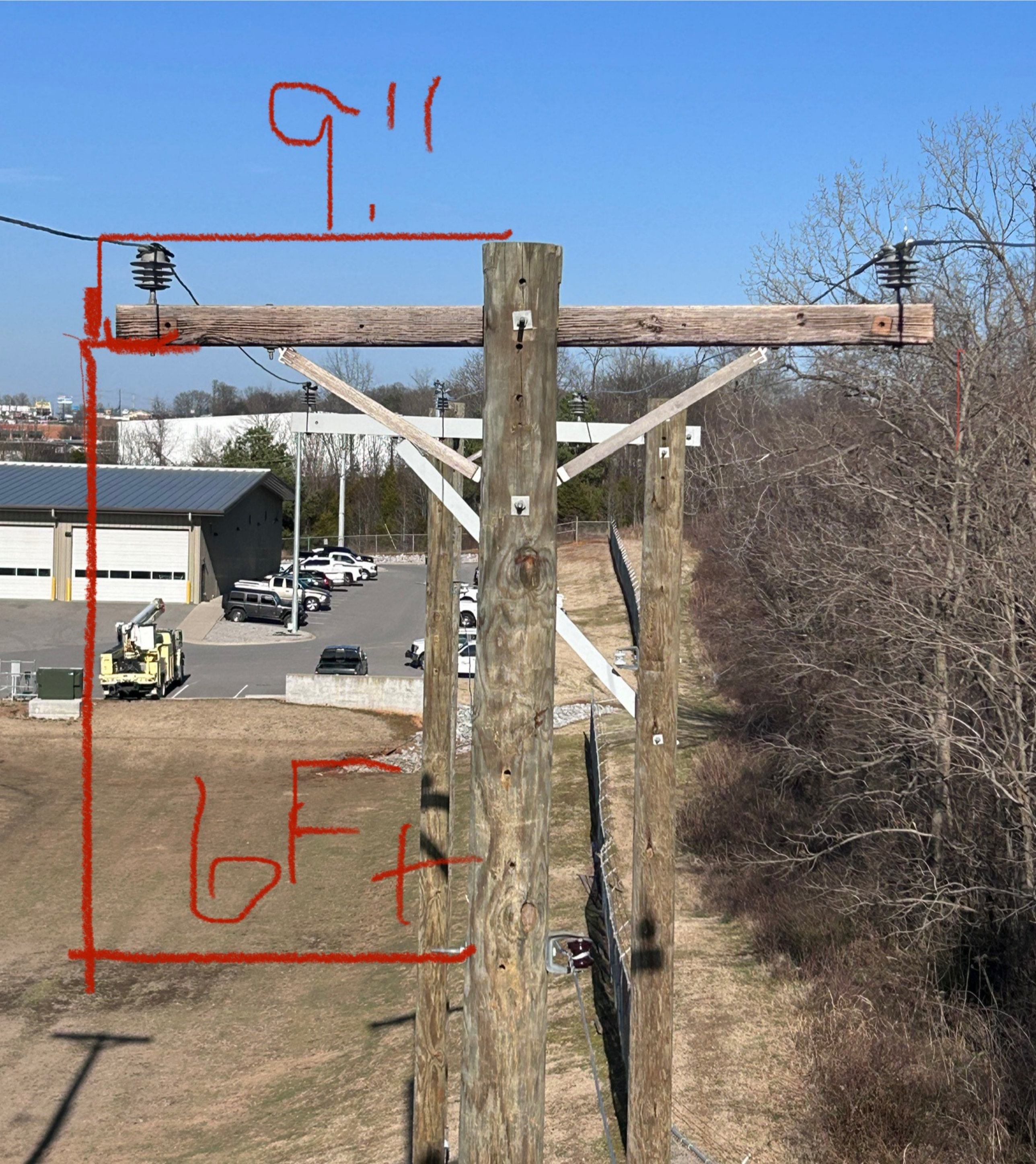
3. **Climber 1 Ascends and Replaces Insulator:** Once the groundman confirms the line is isolated and the hot stick is fully retracted, the first climber ascends the adjacent pole. At the work location, the climber unites the wire, replaces the existing insulator with a new, distinctly colored insulator, reties the wire, and safely descends.

4. **Climber 2 Ascends and Replaces Insulator:** The second climber then ascends the pole on the opposite side of the work area and repeats the process: uniting the wire, replacing the insulator, retying the wire, and descending.

5. Cover-up must be taken down before the Groundman re-energizes the line.

6. **Groundman Re-energizes Line:** As soon as the second climber's feet touch the ground, the groundman uses the extendo stick to close both cutouts, re-energizing the line. The time stops when the hot stick is fully retracted.

Tools Needed:
-Tarp
-Handline
-Material bag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