

# **Event: V-Phase Vertical Line Transfer**

**Chief Judge:** Lee Hill

**Event Time: 15:00**

**Drop Dead Time: 20:00**

## **Event Summary:**

**This is considered a 15 kV de-energized event. Teams will transfer two dead-end primary conductors and a single dead-end neutral conductor from an existing pole over to a new pole set 4' to the side. The new pole will have a down guy and an eyebolt at both primary positions and the neutral position. Note: All cotter pins must be installed facing the inward direction (towards the opposite pole). The teams will be required to install equal potential grounding in the proper manner to work on multiple poles. The proper sequence for installing and removing grounds will be required. Grounding brackets will be installed 24" below the neutral attachment point with the end of a 6' 1/0 PPG permanently attached to each (permanently attached end will have a visual indicator marking as such). They will be facing inward (towards the other pole).**

## **Event Rules:**

- 1. Time starts when the first climber's gaff hits the pole**
- 2. Climbers must wear class II or higher rated rubber gloves the entire time while installing and removing grounds.**
- 3. Two strap (hot) hoists must be used to transfer the conductor**
- 4. Minimum Approach Distance must be maintained until grounds are properly installed.**
- 5. The provided tarp must be utilized to keep all tools and equipment off the ground.**
- 6. Time will stop when both climbers have both feet on the ground**
- 7. Grounds, Cover-Up, Tarp, and Grounding Cluster Mount will be provided**
- 8. Hot sticks shall be 8' in length and provided by the team.**
- 9. Hot sticks cannot be left hanging on the grounds or the pole.**
- 10. Material must be sent up in bags.**