



JOURNEYMAN

# 138-KV VIBRATION DAMPER RELOCATION

CHIEF JUDGE: ROBERT PADGETT - LAKELAND ELECTRIC (RET.)

**MEAN TIME:**

**15 MINUTES**

**DROP DEAD TIME:**

**18 MINUTES**

## EVENT SUMMARY:

Both Linemen will climb a 40 ft. pole and install a set of protective grounds (brushing required) from the designated brackets on the steel rail, to each side of the bells on the outside phase. (shunting the bells).  
The adjacent structures are considered already grounded.

The 12-foot Hook Ladder will already be hung on the steel rail (Safety Chains will be latched) in order to reach the two vibration dampers installed on the conductor.

Both Linemen will be required to relocate from the wood pole to the ladder, maintaining 100% Fall Protection (harness/lanyard).

The ladder must be repositioned (slid out) out far enough to climb down (100% fall protection) and reach the vibration dampers. The Spiral unit and the Bolted unit must be removed and sent down. A new set must be sent back up (no bags allowed) and repositioned on the opposite side that they were previously installed. The Groundman may assist with tagging and/or repositioning the ladder in order to reach the conductor/dampers.

Once the dampers are relocated, both Linemen must reposition back on the pole, still maintaining 100% Fall Protection. The grounds must be removed and safely lowered to the ground. All tools and material must be returned to same location on the tarp as at the start of the event.

## EVENT SPECIFICATIONS:

1. Teams will be allowed a 5-minute set-up time once notified by the judge
2. Time starts at the judges signal (set-up & start time)
3. Judging will be scored according to the General Rules and Event Sheet
4. Time stops once the last Linemen is on the ground
5. Judging stops when all tools and material are returned to the same location as the start





## **TEAM MEMBERS MUST PROVIDE THE FOLLOWING TOOLS:**

1. Climbing Tools, Belt, Hooks
2. PPE, leather gloves, hard hat, safety glasses
3. Hand Tools
4. 1-Handline

## **TOOLS PROVIDED:**

- 1-Hook Ladder
- 1-8' Shotgun Stick
- 1-8' Brush Stick
- 2-Protective Grounds
- 2- Lanyard Slings

## **MATERIAL PROVIDED:**

- Stockbridge Damper (Hand tighten bolt toward pole)
- Spiral Damper (marked end toward bells)

