



2027 FLORIDA
JOURNEYMAN
COMPETITION
FEBRUARY 26-27 • KISSIMMEE

JOURNEYMAN EVENT

4 KV JUMPER REPLACEMENT

CHIEF JUDGE: JOSH HELTON  **CITY OF TALLAHASSEE**

MEAN TIME: 6 MINUTES
DROP DEAD: 9 MINUTES

EVENT SUMMARY

Teams will replace the jumper on a double dead end framed pole. The two phase conductors will be #2 aluminum and the jumper will be poly coated #4 copper. The phase of the jumper that is being changed will need to be macked out before the old jumper is removed. Tonka toy insulator must be tightened back after new jumper is installed.

EVENT SPECIFICATIONS

- Team will have 5 minutes to set up, and all tools be laid out on a competitor supplied tarp in the designated work area.
- Time starts at the judges signal with fall arrest system detached from the pole.
- The 60" jumper must be skinned, brushed, and hot line clamps attached after the event time starts.
- Neutral may be floated.
- Jumper will be attached to cross arm using a tonka toy type insulator, insulator must be tightened back after the new jumper is installed.
- All permanent and temporary attachments must be brushed.
- MAD must be maintained at all times.
- A mechanical tool must be used to tighten hot line clamps and tonka toy bolts. [screwdriver, wrench, stick etc.]
- Time will stop when the work is complete and the last climber makes contact with the ground

MATERIALS PROVIDED

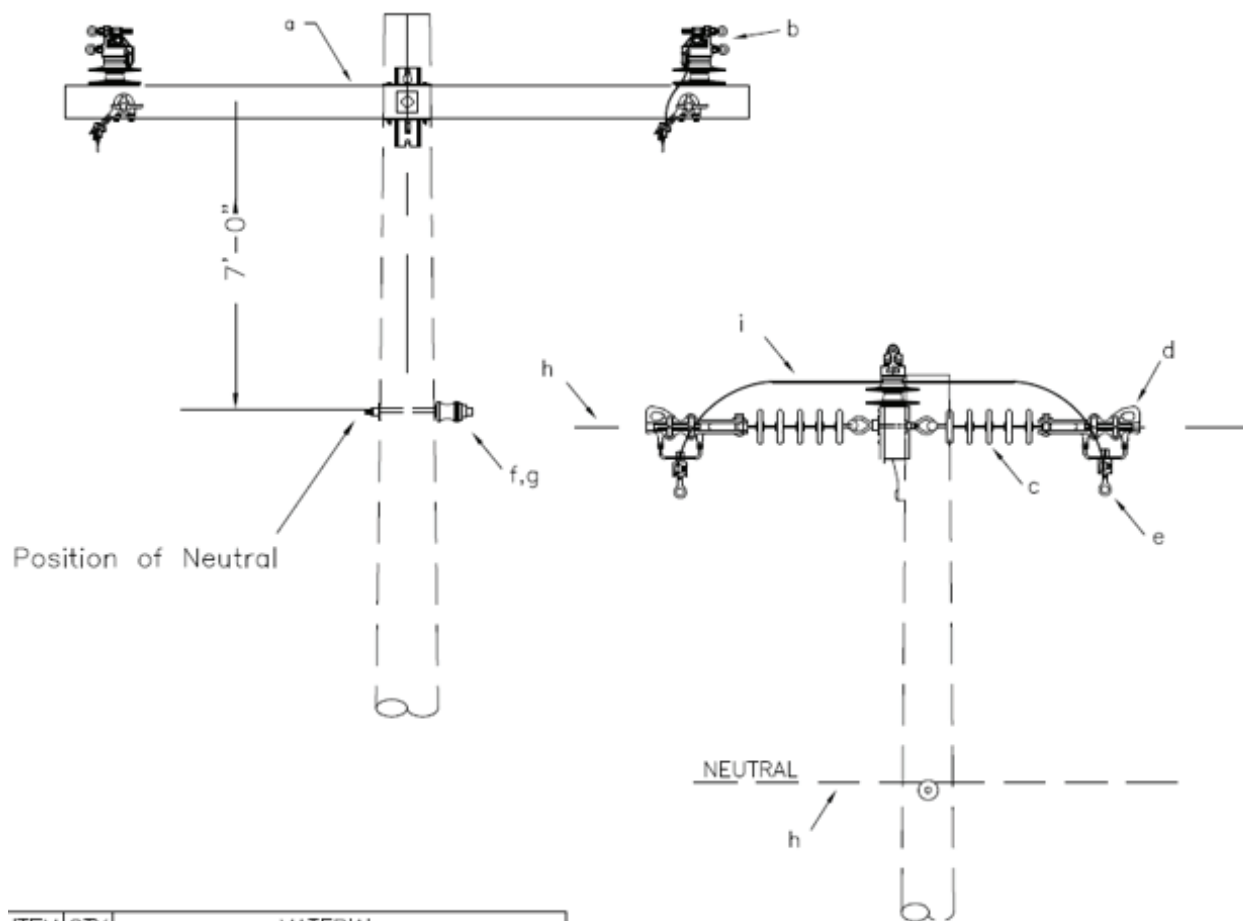
- FDA crossarm, 8'
- 2 - Vice Top Insulator (Hendrix HPI-25VTC-01)
- 4 - Insulator, Polymer
- 4 - Deadend, Straightline, Stirrup Clamp
- 4 Hot Line Clamp (Hubbell BC2/O)
- 1 Single Upset Bolt
- 1 Spool Insulator
- 2 ACSR
- 60" of #4 CU Poly Insulated

TEAM PROVIDES

- P.P.E.
- Climbing Gear
- Handline
- All tools required to complete this task safely
- Tarp



4 KV JUMPER REPLACEMENT



ITEM	QTY	MATERIAL
a	1	FDA Crossarm, 8'
b	2	Vice Top Insulator (Hendrix HPI-25VTC-01)
c	4	Insulator, Polymer
d	4	Deadend, Straightline, Stirrup Clamp
e	4	Hot Line Clamp (Hubbell BC2/0)
f	1	Single Upset Bolt
g	1	Spool Insulator
h		#2 ACSR
i		#4 Poly Insulated