

**Chief Judge: Shane Scott**  
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## 2021 4KV INSULATOR CHANGE OUT

(Individual Journeyman Event)

**Mean Time:** 8:00 minutes  
**Drop Dead Time:** 12:00 minutes

### **Event Summary:**

The three phase conductors (#2 ACSR) are considered dead and grounded. Rubber gloves are not required for this event. The existing insulators on the 8' crossarm and wrap lock ties must be replaced with the new ones provided. The pole top pin insulator does not have to be replaced. Materials must be raised and lowered using a handline and material bag provided by the competitor.

### **Event Specifications:**

1. See General Rules.
2. Competitors will be allowed a 5-minute setup time before starting the event.
3. Competitors may put on climbing gear in setup time.
4. Judge will start clock when first foot touches pole and stop the clock when first foot touches ground.
5. The old rubber grommet may fall to the ground; the new one must be installed.
6. Conductors are secured on an insulator with #2 ACSR wrap lock ties. (Screwdriver may be used to remove wrap lock ties, no knives or pliers)
7. Insulators and wraps will be marked and must be replaced.
8. A full transition is required when ascending and descending around neutral.
9. Hand-line must be railroaded down.
10. ALL material must be raised and lowered in a material bag except old rubber grommets.
  - Crossarm- PUPI TB20009604X2
  - Insulators- Hendrix HPI-55-4
  - Preform wrap lock ties- WTF-0206

# INDIVIDUAL JOURNEYMAN 4KV INSULATOR CHANGE OUT

ITEM	QTY.	CODE	DESCRIPTION	ITEM	QTY.	CODE	DESCRIPTION
A	1	666	INSUL., PIN TYPE 12 KV	H	2	858	PIN, STEEL 5/8 X 11 3/4
B	1	825	PIN, POLE TOP, FIBERGLASS	I	1	503	CROSSARM B' FIBERGLASS
C	2	1228	WASHER, SW. 2 1/4 X 3/16	J	2	1228	WASHER, SW. 2 1/4 X 3/16
D	2	4510	BOLT, MACHINE, 5/8 X 10	K	2	4610	BOLT, MACHINE, 3/4 X 10
E	1	670	INSULATOR, SECONDARY SPOOL				
F	1	1228	WASHER, SQ. 2 1/4 X 3/16				
G	2	666	INSUL., PIN TYPE 12 KV				

  
  

UNIT: 3/4", B' FG, HORIZONTAL C'-5'	 Jackson Energy Authority	UNIT DESIGNATION: CF1-2-8
DRAWN BY: RC		
CHECKED BY: MC		
DATE: 19-JUNE-02		