

## **Apprentice - Cross Arm 90 Degree Relocation**

**Mean Time:** 8 minutes

**Drop Dead Time:** 12 minutes

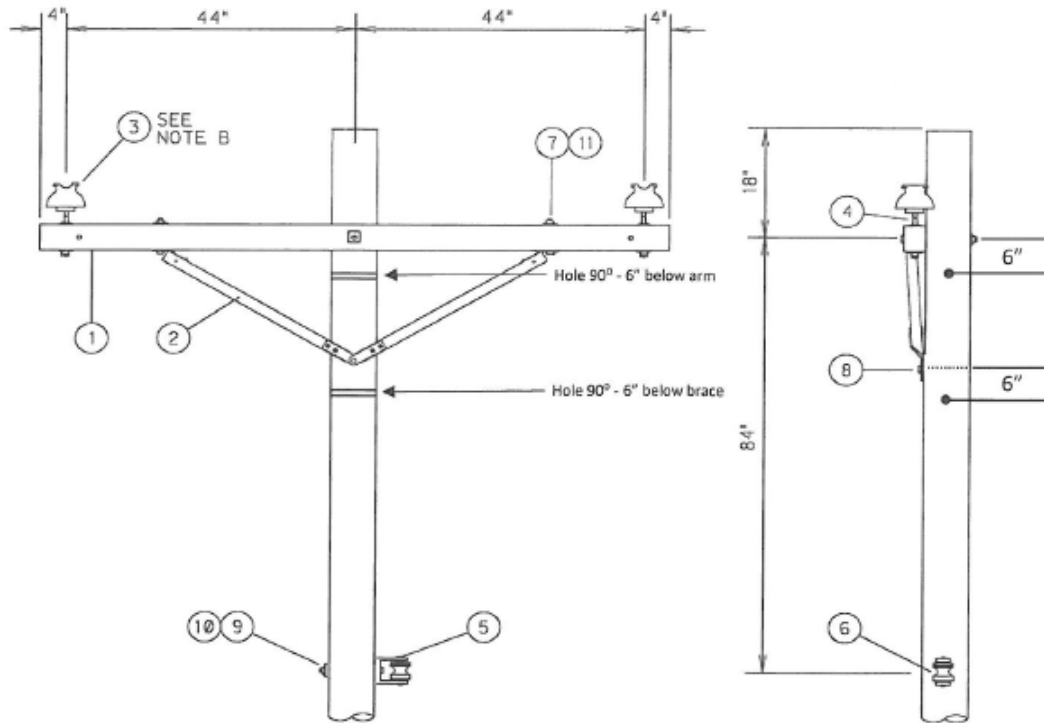
The apprentice will relocate a 8' wooden arm 90 degrees from it's original location.

1. Apprentice will remove both the arm and brace bolts, rotate the arm either direction and reinstall using the same hardware. The new location holes will be 6" above or below the original location.
2. There will be a neutral conductor on the pole 102" from the top of the pole.
3. Time starts at the judges signal for the apprentice to begin with the fall arrest system detached from the pole.
4. The apprentice must wear rubber gloves ground to ground.
5. The apprentice can start an arm's length from the pole with his tools on.
6. The arm will be an 8' arm with two ceramic insulators on it. Both bolts will have 2-2" square washers on them. There will be a bolt in the place of the hard head.
7. You will not carry any extra nuts or washers with you. If you drop something you will need to have your own handline and material bag with you, so the judge can send the material back up to you. Hand line must be attached to the pole at working height.
8. Time stops when both feet are on the ground and fall arrest still attached to pole for adjustment verification.
9. Apprentice will provide handline and grunt bag.



# OVERHEAD DISTRIBUTION STANDARDS

DRAWING: TC-2V  
PAGE: 1J-1  
DATE: 7-7-03



**NOTES:**

- A. GROUNDING DETAILS CAN BE FOUND IN THE GROUNDING SECTION OF THIS MANUAL.
- ▶ B. IN COASTAL AREAS USE INSULATOR #022-220125.

ITEM	QTY.	DESCRIPTION	ITEM ID NO.	ITEM	QTY.	DESCRIPTION	ITEM ID NO.					
1	1	CROSSARM, 4" X 5' X 8'	562-203119	7	2	BOLT, MCH. 1/2" X 7"	070-181436					
2	2	BRACE, WOOD CA 60"	563-209104	8	1	SCREW, LAG 1/2"X4-1/2"	070-181866					
3	2	INSULATOR, PIN TYPE	022-220134	9	2	BOLT, MCH. 5/8"X REQ'D	---					
4	2	PIN, STEEL INS. 5/8" X 6 1/2"	072-185224	10	3	WASHER 2" SQ. 11/16" HOLE	070-181964					
5	1	CLEVIS, SEC.	071-229174	11	2	WASHER, 2" SQ. 9/16" HOLE	070-181961					
6	1	INSULATOR, SEC. SPOOL	023-225102	GROUNDING MATERIAL - SEE GROUNDING SECTION								
03	7-03	POLY INSULATOR CHG	KT	JEC	SER	SINGLE PRIMARY SUPPORT CROSSARM CONSTRUCTION TWO PHASE 7.2 / 12.47KV						
02	0-95	RM POLE FR BOM	EGD	JEC	GC							
01	9-94	REV. NOTES & BOM	PS	JEC	GC							
REV	DATE	DESCRIPTION	BY	D.ENG	D.SUP	D.ENG	JEC	BY	PBS	APVD	gc	APVD

▶ REVISION

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