

CIRCUIT SWITCHER INSPECTION CHECKLIST

For use of this form see TM 5-694; the proponent agency is COE.

SECTION A - CUSTOMER DATA

1. PLANT/BUILDING	2. LOCATION	3. JOB NUMBER
4. EQUIPMENT	5. CIRCUIT DESIGNATION	6. DATE (YYYYMMDD)
7. TEST EQUIPMENT TYPE/BRAND AND CALIBRATION DATE		8. TESTED BY

SECTION B - EQUIPMENT DATA

9. MANUFACTURER	10. STYLES/S.O.	11. VOLTAGE RATING	12. CURRENT RATING
13. INTERRUPTING RATING		14. BUS BRACING	

SECTION C - VISUAL AND ELECTRICAL/MECHANICAL INSPECTION

15. CHECK POINT	COND*	NOTES	CHECK POINT	COND*	NOTES
EXTERIOR OF EQUIPMENT			EQUIPMENT IDENTIFICATION		
COMPLETENESS OF ASSEMBLY			BRACING		
ELECTRICAL/MECHANICAL INTERLOCKS			PROPER PHASE CONNECTION AND COLOR CODE		
PROPER GROUNDING			HAZARDOUS LOCATION		
ALIGNMENT AND ROTATION LIMITS			CONTACT RESISTANCE		
TIGHTNESS OF BOLTED CONNECTIONS			ANCHORAGE		
PROPER LUBRICATION			REFERENCE DRAWINGS		
INTERRUPTER TIME TRAVEL			CONTROL CIRCUIT OPERATION		
MANUAL OPERATION			ENERGIZED OPERATION		

SECTION D - ELECTRICAL TESTS

16. INSULATION RESISTANCE @ V	A-GRD	B-GRD	C-GRD	A-B	B-C	C-A					
17. MEASUREMENT DESCRIPTION	VOLTAGE AND CURRENT MEASUREMENTS										
	VOLTAGE**						CURRENT**				
	A-N	B-N	C-N	A-B	B-C	C-A	A	B	C	N	G
	A-N	B-N	C-N	A-B	B-C	C-A	A	B	C	N	G
	A-N	B-N	C-N	A-B	B-C	C-A	A	B	C	N	G

18. NOTES:

*CONDITION: A=ACCEPTABLE; R=NEEDS REPAIR, REPLACEMENT OR ADJUSTMENT; C=CORRECTED; NA=NOT APPLICABLE
 **NOTE VALUE AND PHASING