

TRANSFER SWITCH 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 AND CALIBRATION DATE		8. TESTED BY

SECTION B - EQUIPMENT DATA

9. MANUFACTURER	10. STYLES/S.O.	11. VOLTAGE RATING	12. CURRENT RATING
13. SWITCH RATING		14. ENCLOSURE TYPE	15. FREQUENCY

SECTION C - VISUAL AND ELECTRICAL/MECHANICAL INSPECTION

CHECK POINT	COND*	NOTES	CHECK POINT	COND*	NOTES
EXTERIOR OF EQUIPMENT			EQUIPMENT IDENTIFICATION		
COMPLETENESS OF ASSEMBLY			BRACING		
INDICATING LIGHTS			PROPER PHASE CONNECTIONS AND COLOR CODE		
SWITCH FOR FREEDOM OF MOVEMENT			ENVIRONMENTAL CLASSIFICATION		
ELECTRICAL/MECHANICAL INTERLOCKS			WORKING CLEARANCE		
ADJUST TIMING SETTINGS			ANCHORAGE		
PROPER EQUIPMENT GROUNDING			REFERENCE DRAWINGS		
CONTACT RESISTANCE			PROPER LUBRICATION		
TIGHTNESS OF BOLTED CONNECTIONS			PT AND CONTROL FUSE SIZE		

SECTION D - ELECTRICAL TESTS

17. INSULATION RESISTANCE	A-GRD	B-GRD	C-GRD	A-B	B-C	C-A
@ V						

18. NOTES

1. SWITCH TRANSFERS ON LOSS OF NORMAL POWER AT SPECIFIED TIME DELAY.
2. SWITCH TRANSFER BACK TO NORMAL POWER ON RETURN OF NORMAL POWER SERVICE AT SPECIFIED TIME DELAY.
3. AUXILIARY CONTACTS OPERATE CORRECTLY DURING NORMAL AND ABNORMAL POWER CONDITIONS.

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