

POWER CABLE 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. WET BULB TEMPERATURE	14. DRY BULB TEMPERATURE	15. ENCLOSURE TYPE	16. FREQUENCY

SECTION C - VISUAL AND ELECTRICAL/MECHANICAL INSPECTION

17.	CHECK POINT	COND*	NOTES	CHECK POINT	COND*	NOTES
	EXTERIOR OF CABLE RUN			BRACING AND SUPPORTS		
	PROPER GROUNDING AT TERMINAL LUGS TO BUS			CHECK PROPER SIZE OF CABLE		
	REFERENCE EXISTING 1-LINE DIAGRAMS			TIGHTNESS AND NEATNESS OF TERMINATIONS		
	PROPER LUBRICATION			ANCHORAGE		
	CHECK GROUNDING AT SPLICE JOINTS			CHECK PROPER SIZE TERMINAL LUGS AND MATERIAL		
	CHECK CABLE PHASE COLOR CODE			CHECK CABLE PHASE COORDINATION		
	SHIELD CONTINUITY			CABLE IDENTIFICATION		

SECTION D - ELECTRICAL TESTS

18. INSULATION RESISTANCE	A-GRD	B-GRD	C-GRD	A-B	B-C	C-A
APPLIED VOLTAGE						

19. NOTES

1. PERFORM HIGH POTENTIAL TESTS IN ACCORDANCE WITH SPECIFIED REQUIREMENTS OR MANUFACTURER(S) RECOMMENDATIONS.

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