

## 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