

BATTERY 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. ENCLOSURE TYPE	14. FREQUENCY	15. WET BULB TEMPERATURE	16. DRY BULB TEMPERATURE

SECTION C - VISUAL AND ELECTRICAL/MECHANICAL INSPECTION

17. CHECK POINT	COND*	NOTES	CHECK POINT	COND*	NOTES
EXTERIOR OF EQUIPMENT			EQUIPMENT IDENTIFICATION		
COMPLETENESS OF ASSEMBLY			BRACING		
ELECTROLYTE LEVEL			ENVIRONMENTAL CLASSIFICATION		
VENTS SEALED AND PLUGS INSTALLED			WORKING CLEARANCE		
PROPER POLARITY CONNECTIONS			ANCHORAGE		
TIGHTNESS OF BOLTED CONNECTIONS			CHECK FOR EXHAUST FAN IF IN ENCLOSED ENVIRONMENT		
PROPER GROUNDING			REFERENCE DRAWINGS		
CHECK FOR SHOWER AND EYEWASH STATION			CHECK FOR ACCESS TO BATTERIES FOR O & M		
TEST CIRCUIT BREAKERS WITH CURRENT INJECTION TESTER			CHECK UPS CONTROL PANEL ALARMS		
TEST CIRCUIT BREAKERS			TEST TRANSFER SWITCH		

SECTION D - ELECTRICAL TESTS

18. MEASUREMENT DESCRIPTION	VOLTAGE AND CURRENT MEASUREMENTS				
	VOLTAGE**		CURRENT**		
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	GROUND
BATTERY VOLTAGE & CURRENT					

19. NOTES

1. MEASURE RESISTANCE BETWEEN CELL CONNECTIONS.
2. MEASURE VOLTAGE ACROSS EACH CELL.
3. CHECK SPECIFIC GRAVITY OF EACH CELL.
4. TEST AND MAINTAIN BATTERY (CELLS) IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

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

**NOTE VALUE AND PHASING