EMERGENCY/AUXILIARY GENERATOR OPERATING LOG (INSPECTION TESTING)

1. ENGINE DATA

a. MAKE	b. MODEL	
c. SERIAL NUMBER	d. RPM	
e. HOUR METER	(1) START	(2) FINISH
f. INSPECTION TEST OPERATOR		g. DATE
h. BASE/POST	i. UNIT	

2. ALTERNATOR DATA

a. MAKE	b. MODEL
c. SERIAL NUMBER	d. KW RATING
e. VOLTS	f. PHASE
g. SHOP SUPERVISOR	h. DATE
i. LOCATION *(Building)*	j. RECORD IDENT NUMBER

3. GENERAL CONDITIONS *(See Note 1)*

	S	U	N	REMARKS
a. CLEANLINESS	☐	☐	☐	
b. EXHAUST CONDITION	☐	☐	☐	
c. ENGINE VIBRATION	☐	☐	☐	
d. LOOSE ITEMS *(Bolts, Linkage, etc.)*	☐	☐	☐	
e. TURBO VIBRATION	☐	☐	☐	
f. WATER LEAKS *(X)* ☐ YES ☐ NO	g. LOCATION OF LEAK			

4. FUEL SYSTEM *(See Note 1)*

	S	U	N	REMARKS
a. FUEL LEVEL *(Day Tank)*	☐	☐	☐	
b. FUEL LEVEL *(Storage Tank)*	☐	☐	☐	
c. WATER DRAINED *(X)* ☐ YES ☐ NO	d. FUEL LEAKS *(X)* ☐ YES ☐ NO			
e. LOCATION OF LEAK				

5. BATTERY BANK *(See Note 1)*

	S	U	N	REMARKS
a. CONNECTIONS	☐	☐	☐	
b. CLEANLINESS	☐	☐	☐	
c. ELECTROLYTE LEVEL	☐	☐	☐	

6. VOLTAGE REGULATOR *(See Note 1)*

	S	U	N	REMARKS
a. REGULATOR MOUNTS	☐	☐	☐	
b. RHEOSTAT CONDITION *(Corroded,connections, etc.)*	☐	☐	☐	

7. AUTOMATIC TRANSFER PANEL *(See Note 1)*

	S	U	N	REMARKS
a. CONTACTS BURNED	☐	☐	☐	
b. MECHANISM BINDING	☐	☐	☐	
c. WIRING DAMAGED	☐	☐	☐	
d. COMPONENTS OVERHEATED	☐	☐	☐	

8. COOLING SYSTEM *(See Note 2)*

a. TEMP. DURING STANDBY	b. TEMP. DURING OPERATIONS
c. COOLANT ADDED *(Level)*	d. ANTIFREEZE PROTECTION *(See Note 3)*
e. FAN BELT CONDITION	f. RADIATOR AND LOUVER CONDITION

9. LUBE OIL SYSTEM

a. OIL CHANGED *(X)* ☐ YES ☐ NO	b. OIL ADDED *(Sum level)* ☐ YES ☐ NO
c. LUBE OIL CONDITION *(Viscosity)*	d. LEVEL IN GOVERNOR

ITEM *(See Note 2)*	ALTERNATOR			EXCITER
10. KW LOAD				
11. AMPERAGE	PH3	PH2	PH1	
12. VOLTAGE	PH1	PH2	PH3	
13. BRUSHES AND BRUSHES RIGGING				
14. SLIP RING CONDITION				
15. COMMUTATOR CONDITION				
16. VOLTAGE *(Commercial)*	PH1	PH2	PH3	

17. BATTERY CHARGER

a. VOLTS	b. AMPS

18. HYDROMETER READING	19. STARTING AIR *(Psi)*	20. AMBIENT TEMP. *(°F)*

21. FILTER CHANGE

a. LUBE OIL *(X)* ☐ YES ☐ NO	b. FUEL *(X)* ☐ YES ☐ NO	c. AIR INTAKE *(X)* ☐ YES ☐ NO

22. UNIT STARTED ON *(X)*

☐ 1ST TRY ☐ 2ND TRY ☐ 3RD TRY ☐ NOT AT ALL

Use the reverse side of this form and/or 8-1/2 x 11" paper if required for additional comments, continuation of item entries (identify by item number), and for corrective action(s) taken.

NOTE 1: Mark S for Satisfactory, U for Unsatisfactory, N for Normal, or indicate in Remarks column, as applicable.

NOTE 2: Enter data as indicated. Where no instrumentation is provided, indicate Satisfactory, Unsatisfactory, etc., as applicable.

NOTE 3: Enter Antifreeze Protection as the freeze temperature in degrees (F) as indicated on an appropriate hydrometer.

23. UNIT TYPE		24. ALTERNATOR			Enter readings immediately after start-up and prior to shut-down. If engine runs more than one hour, record every two hours with minimum of two readings.
a. MODEL	b. REGISTRATION NO.	a. KW RATING	b. VOLTS	c. FREQUENCY	

25. ENGINE READINGS

DATE a.	TIME b.	HOUR METER c.	OIL PRESSURE d.	WATER TEMP. e.	FUEL LEVEL f.	EXHAUST CON/TEM g.	KW LOAD h.	i. VOLTS			j. AMPS			BATTERY CHARGER AMPS k.	PRINTED NAME AND SIGNATURE l.
								PH1	PH2	PH3	PH1	PH2	PH3		

26. COMMENTS

DD FORM 2744 (BACK), MAY 96

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