



GENERATOR MAINTENANCE CHECKLIST

Semi-Annual PM

Date: _____

Location:		Hours:	
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SYSTEM	COMPLETED		CHECK	COMMENTS
COOLING	Y	N	Hoses (leaks, condition, connections)	
	Y	N	Radiator (leaks, blockage, damage)	
	Y	N	Drive belts (condition, adjustment)	
	Y	N	Coolant heater operation (adjust)	
	Y	N	Water pump (leaks)	
	Y	N	Operating temperature ° F	
	Y	N	Fan (condition, cracks, lube bearing)	
	Y	N	Coolant level / protection ° F	

FUEL	Y	N	Hoses (leaks, condition, connections)	
	Y	N	Day tank (leaks, operation)	
	Y	N	Transfer pump (leaks, operation)	
	Y	N	Governor (linkage, operation, adjustment)	

MAIN FUEL / BASE TANK	Y	N	General condition (visual)	
	Y	N	Fuel level gauge (operation)	
	Y	N	Fuel level gauge reading	
	Y	N	Fuel level (stick) inches gallons	

INTAKE/	Y	N	Piping (leaks, restriction, condition)	
EXHAUST	Y	N	Rain cap (condition)	

LUBRICATION	Y	N	Oil level	
	Y	N	Oil pressure psi	
	Y	N	Leaks (hoses, connections)	

D/C ELECTRIC	Y	N	Batteries (fluid level, condition, connections)	
	Y	N	Battery voltage drop (cranking) vdc	
	Y	N	Battery charger operating voltage vdc	
	Y	N	Battery charging alternator vdc	
	Y	N	Engine wiring (visual, shorts, breaks)	



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A/C ELECTRIC	Y	N	A/C output voltage	L-L	L-N	
GENERATOR	Y	N	Frequency (no load)	Hz		
	Y	N	Load: amps per phase	A	B	C
	closed	open	A/C output breaker position	tripped		

TRANSFER	Y	N	MTS, ATS or PSG test (with approval)	
SWITCH / PSG	Y	N	Run under load (with approval)	
	Y	N	Timers (adjust to needs)	
	Y	N	Indicating lamps/LEDs (check)	
	Y	N	Annunciator (test operation)	

GENERAL	Y	N	Engine room/enclosure (cleanliness, ventilation)	
CONDITION	Y	N	Controller start position	auto off manual
	Y	N	Hour meter (operation run time)	
	Y	N	Log (date, sign, comments)	

SUGGESTED REPAIRS:

GENERATOR TECHNICIAN:

SIGNATURE: