Generator Inspection

Customer	In House	Site	Chino	Date	3/3/15
Address	Chino, CA			Hours	13 Hours

Eng MFG Generac	Gen Mfg	Equip Mfg Generac
Eng M/N	Gen M/N	Equip M/N 440F
Eng S/N	Gen S/N	Equip S/N SB-327
(✓) CHECK	(X) NEEDS ATTENTION	(N/A) NOT APPLICABLE

SERVICE CHECKS

Check Oil Level	FULL
Check Coolant Level	FULL
Check Operation of Block Heaters	GOOD
Antifreeze Protection	GOOD
Corrosion Inhibitor Protection	1200/1200
Check Radiator/Expansion Tank Cap	GOOD
Instruments	CHECKED
Oil Pressure	BAD GAUGE PSI
Water Temperature	171 Deg F
Fuel Pressure	GOOD PSI
DC Charge Rate 28.7 Vdc	3.3 AMPS
Eng RPM 1800 Generator Freq	60HZ
Check/Correct Minor Oil Leaks	YES
Check/Correct Minor Water Leaks	YES
Check/Correct Minor Fuel Leaks	YES
Check Governor Response	YES
Draw Hot Oil Sample	N/A
Check/Turbocharger Rotation/End Play	YES
Check/Lubricate Governor Linkage	YES
Check Hoses (Brittle, Cracks, Weak)	YES
Check/Tighten Hose Clamps as Necessary	YES
Check/Inspect Radiator Fins for Debris	YES
Check/Lubricate Fan Drive Assembly	N/A
Check/Adjust Belts as Required	YES
Check For Water in Day Tank	N/A
Check Operation of Day Tank	N/A
Check/Inspect Air Filter(s)	YES
Check Vibration Isolation Equipment	YES
Check for Air Restrictions	YES
Check Exhaust System	YES
Check/Day-Tank / Sub-Base Tank Level	1/4 FULL

SAFETY SYSTEM

High Water Temperature	LIGHT TEST
Low Oil Pressure	LIGHT TEST
Over Crank	LIGHT TEST
Over Speed	LIGHT TEST
Lamp Test	LIGHT TEST

E. HERNANDEZ
Technician Performing Inspection

GENERATOR

Rated	200 kW	250 kVA	480/240 Voltage	301/602	AMP
No Load Actual	480		Voltage	60	
Check Exciter/Regulator Connections				YES	
Check Brushes and Slip Rings				N/A	
Lube Generator Bearings as Required				N/A	
Check ATS for Cleanliness				N/A	

GENERATOR BREAKER

Found	OPEN	Left	OPEN

Control Panel

Found	OFF	Left	OFF

CHARGER OUTPUT AND BATTERY CONDITION

#1 DC VOLTS		AMPS	
#2 DC VOLTS		AMPS	
Battery Type		Quantity	
Inspection/Clean/Tighten Lugs & Cables			
Fill Low Cells with Water			
Load Test Batteries			
Load Test Results	Battery #1		
	Battery #2		

MATERIALS USED

Lube Oil Type	N/A			Gal
Oil Analysis	Qty		P/N	N/A
Coolant Analysis	Qty		P/N	N/A
Fuel Filter	Qty		P/N	N/A
Fuel Filter	Qty		P/N	N/A
Oil Filter	Qty		P/N	N/A
Air Filter	Qty		P/N	N/A
	Qty		P/N	N/A
	Qty		P/N	N/A
	Qty		P/N	N/A
	Qty		P/N	N/A
	Qty		P/N	N/A

COMMENTS/RECOMMENDTIONS by TECHNICIAN:

Reference Field Service Order#

Load Test Data Report

Project	200kW Generac Rental Package		
Customer	In House	Site	Chino, CA
Engine Make	Hino	Generator Make	Geneac
Engine M/N		Generator M/N	440F
Engine S/N		Generator S/N	SB-327
KW		VAC	480
Job Number		Date	3/20/15
Technician		Hours	13 / 14.1

Time	Vac AB	Vac BC	Vac CA	Iac A	Iac B	Iac C	Power Factor	KW	RPM	Oil Pressure	Coolant Temp	Ambient Temp	
0800	481	481	481	60	60	60	1.00	50	1800	INOP	171	72	
0815	481	481	481	120	120	120	1.00	100	1800	INOP	177	72	
0830	480	481	480	181	181	181	1.00	150	1800	INOP	184	74	
0845	480	480	480	241	241	241	1.00	200	1800	INOP	188	74	
0900	480	480	480	241	241	241	1.00	200	1800	INOP	191	74	

Customer Technician