



- Satisfactory
- Unsatisfactory
- Urgent

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INSPECTION AND PREVENTIVE MAINTENANCE SERVICE REPORT

Customer Name	Critical Infrastructure Group
Equipment Location	USA Parkway
Equipment Model	P222LF Doosan
Equipment Serial No.	EAYOA600805
Unit No.	1
Hours	245.7 to 247.9
KW	600
Voltage	480

Work Order 22117
 Field Tech Roger Harrington
 Tech email RH
 Reviewer jauer@cagenera

Date 11/11/2019
 Generator Model 8412490100
 Generator Serial No. 2095127
 Service Interval

- M Q SA A LT
- LT/O PM3 AF OS FS
- CS TS BATT FP REP

Service Items	Satisfactory	Unsatisfactory	Comments
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Cooling System

Radiator/Heat Exchanger	<input checked="" type="radio"/>	<input type="radio"/>	Serviced 25 gals Chevron 50/50 HD coolant
Coolant	<input checked="" type="radio"/>	<input type="radio"/>	Changed Full SCA: No Freeze Protect: -30
Hoses and Connections	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Fan Drive Pulley and Fan	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Fan Belts	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Jacket Water Heater	<input checked="" type="radio"/>	<input type="radio"/>	Water Heater inspected. Water temperature is: 100 Deg. F
Water Pump	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Thermostats	<input checked="" type="radio"/>	<input type="radio"/>	Inspected 178 Deg. F

Fuel System

Fuel Tank	<input checked="" type="radio"/>	<input type="radio"/>	Ran engine Empty - 100 gallons of fuel used for testing
Water Trap Separator	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Fuel Lines & Connections	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Governor & Controls	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Fuel Filters-Prim/Sec.	<input checked="" type="radio"/>	<input type="radio"/>	Replaced with new 1) P558000
Fuel Pressure	<input checked="" type="radio"/>	<input type="radio"/>	Inspected O.K.

Air Induction and Exhaust System

Air Filter	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Air Filter Service Indicator	<input checked="" type="radio"/>	<input type="radio"/>	N/A
Air Inlet System	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Turbocharger	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Exhaust Manifold	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Exhaust System	<input checked="" type="radio"/>	<input type="radio"/>	Inspected

Lube Oil System

Oil	<input checked="" type="radio"/>	<input type="radio"/>	Replaced with New 15 gals) 15W-40
Oil Filters	<input checked="" type="radio"/>	<input type="radio"/>	Replaced with New 2)P502464
Oil Pressure	<input checked="" type="radio"/>	<input type="radio"/>	Oil Pump inspected. Oil Pressure is: 96 psi
Crankcase Breather	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
S.O.S (Oil Sample)	<input checked="" type="radio"/>	<input type="radio"/>	N/A

Starting System

Batteries	<input checked="" type="radio"/>	<input type="radio"/>	Inspected Group 31 Dated: 11/2019
Batteries-Specific Gravity	<input checked="" type="radio"/>	<input type="radio"/>	Inspected Maint. free Qty: 2
Battery Charger	<input checked="" type="radio"/>	<input type="radio"/>	Inspected 26.65 VDC
Starting Motor	<input checked="" type="radio"/>	<input type="radio"/>	Inspected 19.87 VDC (Volt. Drop)
Alternator	<input checked="" type="radio"/>	<input type="radio"/>	Inspected 28.58 VDC

Engine Monitors & Safety Controls

Gauges	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Safety Controls	<input checked="" type="radio"/>	<input type="radio"/>	Inspected

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Generator

Bearings	<input checked="" type="radio"/>	<input type="radio"/>	N/A
Space Heaters	<input checked="" type="radio"/>	<input type="radio"/>	N/A
Vibration Isolators	<input checked="" type="radio"/>	<input type="radio"/>	Inspected

Control Panel

Start Controls- Man/Auto	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Voltmeter	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Ammeter	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Frequency Meter	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Circuit Breaker	<input checked="" type="radio"/>	<input type="radio"/>	Inspected

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