

- Recommendations
- Complete

INSPECTION REPORT



(775) 376-3736

CUSTOMER: CI Group JOB NUMBER: 1189
 LOCATION: 1240 Icehouse Ave DATE: 4/13/23
 HOUR METER: 1088 -end 1090 SERVICE: Annual
 UNIT MFG: MQ Power MODEL: Whisperwatt 220 DCA 220ssk S/N: 3708861
 ENGINE MFG: Komatsu MODEL: S6d125E-2 S/N: 87492
 GEN. MFG: Denyo Co MODEL: DF-2400 K S/N: 613659

COOLING SYSTEM

	Satisfactory	Unsatisfactory
1. ENGINE COOLANT LEVEL <u>Added 1 gallon</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. RADIATOR CORE/HEAT EXCHANGER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. COOLANT LINES/CONNECTIONS/HOSES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. BLOCK HEATER <u>Replacing block heater</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. ANTI-FREEZE PROTECTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. COOLANT CHEMICALLY BALANCED	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. DRIVE BELTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. WATER PUMP	<input checked="" type="checkbox"/>	<input type="checkbox"/>

D.C. ELECTRICAL SYSTEM

1. BATTERY INSTAL DATE: <u>2/24/21</u> <u>GROUP 4D</u> <u>QUANTITY 2</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. BATTERY CONNECTIONS/CABLES, CLEAN & TIGHT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. BATTERY CHARGING <u>DC VOLTS 27.2</u> <u>AMPS 2 amps</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. ELECTRICAL STARTER/ALTERNATOR	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. ELECTRICAL SYSTEM, ACCESSORIES & COMPONENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. DRIVE BELTS <u>CRANK VOLTAGE</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

A/C ELECTRICAL SYSTEM

1. <u>A/C WIRING</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. <u>BREAKER STATUS</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. <u>CONTROL PANEL/SWITCH GEAR</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. <u>A/C/ GENERATOR VOLTAGE</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. <u>A/C GENERATOR FREQUENCY</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. <u>ELECTRICAL SYSTEM ACCESSORIES & COMPONENTS</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

AIR INDUCTION & EXHAUST SYSTEM

1. <u>AIR CLEANER UNITS</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. <u>AIR INDUCTION PIPING & CONNECTIONS</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. <u>TURBOCHARGER/BLOWER</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. <u>EXHAUST MANIFOLD/PIPING/CONNECTIONS</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

POWER UNIT

	Satisfactory	Unsatisfactory
1. GENERATOR FRAMEWORK/HOUSING/CASING/STRUCTURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. VIBRATION MOUNTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>

LUBRICATION SYSTEM

1. ENGINE LEVEL OIL Changed oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. ENGINE OIL FILTER Replaced filter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. OIL PUMP PRESSURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. CRANK CASE BREATHER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. OIL LEAKS (HOSES, CONNECTIONS,SEALS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. GENERATOR BEARINGS	<input checked="" type="checkbox"/>	<input type="checkbox"/>

FUEL SYSTEM

1. FUEL TANK/DAY TANK - PRODUCT LEVEL Empty	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. FUEL FILTERS - PRIMARY/SECONDARY Changed Fuel Filter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. FUEL SYSTEM COMPONENTS/HOSES/PIPING/CONNECTIONS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4. GAUGES & SAFETY MECHANISM	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. CONDENSATION/WATER IN FUEL	<input checked="" type="checkbox"/>	<input type="checkbox"/>

OPERATION

1. START & RUN ENGINE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. CHECK ALL GAUGES & LIGHTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. LISTEN FOR ENGINE SMOOTHNESS, NOISES, ODDITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. GENERATOR LEFT IN OFF <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

REMARKS :

Changed oil. Changed oil filter. Changed fuel filter. Changed coolant filter. Load bank tested. Inspected and tested the battery charger- good. Plugged in the block heater and found it would not work. Discovered the heating element to be bad- replaced the block heater. 1500watt 120 Kim hotstart. New 5/8 heater hose on block heater.(6 ft) Replaced 3/8" fuel supply line from the fuel tank to the fuel inlet on the engine. Replaced 10 ft of fuel line. Fuel tank is empty. Plumbed fuel supply line to an external tank to test.

TOTAL GALLONS OF HAZARDOUS WASTE REMOVED FROM FACILITY

OIL TOTAL: 10 Gallon

COOLANT TOTAL:

FILTER TOTAL:3

BATTERY: 0

Time	KW	V.A.C	AMPS	Hz	H2O Temp	Oil PSI	Fuel PSI	Batt. Volts	Amb Temp	HRS
2:30	56	490	65	60.1	107	good	good	28.8	65	1088
2:45	107	490	127	60.1	160	good	good	28.9	65	1088
3:00	161	490	190	60.1	162	good	good	28.8	68	1089
3:15	161	490	190	60.1	173	good	good	28.8	68	1089
3:30	161	490	190	60.1	176	good	good	28.8	70	1089
3:45	161	490	190	60.1	176	good	good	28.8	68	1089
4:00	161	490	190	60.1	176	good	good	28.8	65	1090
4:15	161	490	190	60.1	177	good	good	28.8	65	1090

TECHNICIAN: Richard Curtis

INITIALS:RC

CUSTOMER: CI GROUP

SIGNATURE: