



Complete Genset Inspection

CLIENT : _____ JOB NO. : _____
 ADDRESS : _____ DATE : _____
 _____ JOB SITE : _____
 _____ REF : _____

MAKE	MODEL	SERIAL NO.	KVA/KW	HOUR METER	YEAR

STARTING ENGINE

- Connect battery to correct terminals
- On power and ensure LOP illuminate
- Idle-Run switch is set to idle
- Crank for 30 seconds and rest for 15 second
- Stop engine if oil pressure is not up during start-up or within 30 seconds

TEST (MANUAL RUN)

- Engine idle-Run switch is now set to run
- Make sure the engine is consistently run at 1500 rpm for (50Hz) and 1800 rpm (60Hz)
- Start load cooling fan and ensure air is blowing towards heater elements
- With the reference of the load test record, put in the free load one time in the correct sequence
- Record all necessary parameters in the sheet

SAFETY TEST

- Safety will be on High Water Temperature, Low Oil Pressure and Over speed
- Record the parameter in the sheet as well

ENGINE SHUTDOWN

- Load at the load bank to be slowly decreased until no load
- Allow engine to cool down for 10 minutes
(To cool engine and load bank, load bank cooling fan must on)

GENSET EXTERNAL

- Check set for any damage
- Check mountings

COOLING SYSTEM

- Check cooling fan
- Check beltings
- Make sure radiator are filled with water (plus water) and reach the requirement water level
- Bleed air from system by opening water cocks and make sure to close cocks
- Refit the radiator pressure cap

LUBRICATION SYSTEM

- Check lubrication oil dipstick make sure it reach the mark level
- Securely fasten the oil filler cap
- Make sure oil pan cock is closed properly

EXHAUST AND INTAKE SYSTEM

- Ensure air filter are properly installed
- Open inlet and exhaust piping and check for paper, rag, etc. at bot ends
- Hand turn turbo to check for bonding
- Refit and fasten all piping's open
- Mount exhaust silencer

FUEL SYSTEM

- Make sure fuel supply and supply and return lines are connected properly
- Check for any leakage

DC SYSTEM

- Ensure all sensors and switches are in and properly installed
- Ensure all wiring connection are properly installed
- Check instrument panel for any faulty component is found

REMARK

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RECOMENTION

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I certified the correctness of the above and the work has been carried out to my entire satisfaction

GLOBAL POWER SOLUTION SDN BHD

Authorised Signature

Signature of Customer or His Represented

Name : _____
NRIC No : _____

Issued By
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Received By