Warranty Registration Form

The Warranty Registration Form, Start-Up Checklist: Installation, and Start-Up Checklist: Pre-Start/Running Checks must be filled out completely by a certified electrician or generator technician during the start-up and returned to General Power Limited Inc. to activate the factory warranty. Signing these forms represents acceptance of unit and that all information on the start-up is correct.
The owner's representative signature acknowledges review and understanding of these forms.

To activate your warranty, please return a copy of these 3 (three) completed form(s) to General Power Limited Inc. within 30 days of shipment from the factory.

CERTIFIED GENERATOR ELECTRICIAN/TECHNICIAN PERFORMING START-UP			**OWNER/SITE LOCATION**		
COMPANY NAME			OWNER NAME		
ADDRESS			SITE ADDRESS		
CITY	STATE	ZIP/POSTAL CODE	CITY	STATE	ZIP/POSTAL CODE
TELEPHONE			TELEPHONE		
ELECTRICIAN/TECHNICIAN NAME			OWNER OR OWNER'S REPRESENTATIVE NAME		

GENSET DATA	**UTILITY SERVICE DATA**
GENSET MODEL GP-J_____	VOLTAGE
GENSET SERIAL #	PHASE
	PHASE ROTATION
VOLTAGE	LOAD/BALANCE WITHIN 15% YES _____ NO _____
PHASE	
PHASE ROTATION	SERVICE DUTY PRIME (PRP) _____ STANDBY (ESP) _____
START UP DATE Month _____ Day _____ Year _____	

The General Power Limited Inc. Limited Warranty will be void if the installation does not meet the general guidelines, standards and recommendations as laid out in the Genset Installation Guide (provided with generator set). Contact us to obtain a copy. Send completed forms to info@genpowerusa.com

START-UP CHECKLIST: INSTALLATION

CHECK ONLY THOSE THAT APPLY TO THE SPECIFIC APPLICATION.

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MOUNTING

YES NO N/A

- ☐ ☐ ☐ 1. Wood shipping skid removed.
- ☐ ☐ ☐ 2. Mounting structure constructed of non-combustible material.
- ☐ ☐ ☐ 3. Mounting surface level.
- ☐ ☐ ☐ 4. Vibration isolation mounts installed between unit and mounting structure.
- ☐ ☐ ☐ 5. Anchor bolts installed, snugged down and double nutted.

ENVIRONMENTAL

- ☐ ☐ ☐ 6. Equipment room protected from freezing temperatures during unit operation (water lines Etc).
- ☐ ☐ ☐ 7. Adequate clearance around the unit for service and proper operation.
- ☐ ☐ ☐ 8. Equipment room protected with a fire suppression system.
- ☐ ☐ ☐ 9. Adequate ventilation for engine starting battery(ies).

COOLING SYSTEM

- ☐ ☐ ☐ 10. Ample inlet and outlet airflow (motorized louvers adjusted and ventilation fan motor(s) connected to an available source of power of the correct voltage.
- ☐ ☐ ☐ 11. Radiator ductwork properly sized and connected to the air vent or exhaust louver to prevent air recirculation and transmission of vibration.
- ☐ ☐ ☐ 12. Flexible connectors installed in the cooling water lines (remote radiator applications).

FUEL SYSTEM

- ☐ ☐ ☐ 13. Adequate dedicated fuel supply of proper type, volume and pressure. Record type and pressure above.
- ☐ ☐ ☐ 14. Fuel filters/drain leg installed.
- ☐ ☐ ☐ 15. Adequate fuel transfer pump lift capacity (diesel units).
- ☐ ☐ ☐ 16. Fuel transfer pump connected to available source of power with the correct voltage (diesel units).
- ☐ ☐ ☐ 17. Flexible connectors installed in fuel piping (supply and return and diesel systems).
- ☐ ☐ ☐ 18. Diesel fuel storage tanks properly installed and vented according to local codes.

EXHAUST SYSTEM

YES NO N/A

- ☐ ☐ ☐ 19. Flexible connector installed in extended exhaust piping.
- 20. Condensation trap with drain installed.
- ☐ ☐ ☐ 21. Silencer installed, hanger and mounting hardware tight and secure.
- 22. Heat-isolating wall thimble (per local code) installed where exhaust piping penetrates combustible walls.
- ☐ ☐ ☐ 23. Exhaust piping free of excessive bends and restriction.
- ☐ ☐ ☐ 24. Exhaust installed with a downward slope away from the engine.
- ☐ ☐ ☐ 25. Exhaust piping wall penetration protected from entry of rain, snow and pests.
- ☐ ☐ ☐ 26. Exhaust outlet termination suitable to prevent entrance of rain and pests (Rain cap Etc)
- ☐ ☐ ☐ 27. Exhaust outlet termination location prevents re-entry of exhaust gases into buildings or structures.
- ☐ ☐ ☐ 28. Personnel protection from hot surfaces and gases installed or accounted for.

ELECTRICAL

- ☐ ☐ ☐ 29. Generator and transfer switch nameplate electrical data matches normal/utility source ratings.
- ☐ ☐ ☐ 30. Generator set load conductors are of adequate ampacity and are correctly connected to the output means and the emergency side terminals of the transfer switch.
- ☐ ☐ ☐ 31. Generator load conductors, remote start contacts, battery charger, engine heater and remote monitoring panel wiring installed in separate conduits.
- ☐ ☐ ☐ 32. Battery charger AC supply connected to a circuit of the proper voltage and amperage, and energized.
- ☐ ☐ ☐ 33. Engine jacket water heater AC supply connected to a circuit of the proper voltage and amperage and energized.
- ☐ ☐ ☐ 34. Engine starting battery(ies) fully charged and connected to the engine and battery charger.
- ☐ ☐ ☐ 35. Transient Voltage Surge Suppression protection devices installed to protect the equipment against voltage spikes.

START-UP CHECKLIST:
PRE-START/RUNNING CHECKS

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PRE-STARTUP CHECKS

YES NO N/A

- ☐ ☐ ☐ 1. Inspect unit for freight damage (ensure components are tight).
- ☐ ☐ ☐ 2. Engine is filled with oil; cooling system is filled with coolant/antifreeze.
- ☐ ☐ ☐ 3. Verify the engine oil level.
- ☐ ☐ ☐ 4. Check oil dip stick is secured.
- ☐ ☐ ☐ 5. Check and verify any additional protection devices. List them:_____
- ☐ ☐ ☐ 6. Inspect belts, hoses and clamps for proper alignment and tension.
- ☐ ☐ ☐ 7. Inspect all electrical connections to verify tightness and security.
- ☐ ☐ ☐ 8. Verify battery terminals are secured and battery switch is on.
- ☐ ☐ ☐ 9. Check the coolant level, add coolant as necessary, and replace the radiator cap. Verify that all hose clamps are tight and secure.
- ☐ ☐ ☐ 10. Prime the fuel system.
- ☐ ☐ ☐ 11. Place the generator set engine control switch in the OFF/RESET position. Observe Not-In-Auto display and alarm, if equipped on the controller.
- ☐ ☐ ☐ 12. Open the generator main line circuit breakers.
- ☐ ☐ ☐ 13. Verify power to the water/oil heaters and fuel lift pumps.

PRE-STARTUP CHECKS

- ☐ ☐ ☐ 14. Place the generator set engine control switch in the RUN position. Allow the engine to start and run.
- ☐ ☐ ☐ 15. Check the battery charging voltmeter for battery charging indication.
- ☐ ☐ ☐ 16. Verify sufficient oil pressure.
- ☐ ☐ ☐ 17. Verify speed is stable.
- ☐ ☐ ☐ 18. Verify no load frequency to be no more than 62.5. Adjust if necessary (Mechanical governor only).
- ☐ ☐ ☐ 19. Check the utility source voltage, frequency, and phase sequence on three-phase models. The generator set must match the utility source and load.
- ☐ ☐ ☐ 20. Close the generator set main line circuit breakers connected to the transfer switch and place the generator in the manual mode.
- ☐ ☐ ☐ 21. Place the generator set engine control switch in the STOP/RESET position. Place the generator set engine control in the AUTO position.
- ☐ ☐ ☐ 22. Place the transfer switch in the Test Position. NOTE: Obtain permission from the building authority before proceeding. This procedure tests transfer switch operation and connects building load to generator set power.

YES NO N/A

- ☐ ☐ ☐ 23. Verify that the AC current is balanced for three phase systems and record. L1__L2_____L3_____.
- ☐ ☐ ☐ 24. Release the transfer switch test switch. The transfer switch should retransfer to the utility source after appropriate time delay(s).
- ☐ ☐ ☐ 25. Allow the generator set to run and shut down automatically after the appropriate cool down time delay(s).
- ☐ ☐ ☐ 26. If equipped, set the plant exerciser with load to the customer's required exercise period.
- ☐ ☐ ☐ 27. Verify that all options on transfer switch are adjusted and functional per the customer's requirements. Transfer Switch delay setting: TDES____TDE____TDN____TDEC____.
- ☐ ☐ ☐ 28. In phase monitor ON_____Setting_____OFF____.
- ☐ ☐ ☐ 29. If possible, run the building loads with the generator set or perform the load bank test if required.
- ☐ ☐ ☐ 30. Verify that the customer has the appropriate engine/ generator set and transfer switch literature and manuals. Instruct the customer in the operation and maintenance of the system.

IMPORTANT: All fluid levels and lose connections must be checked and filled/tightened during start-up to prevent future issues and possible warranty claim denial.