

## MOST IMPORTANT - RISK ASSESS!!!

Before you commence any work at your chosen work area, you should undertake some preliminary **hazard identification and risk control precautions**. Ideally more than one person should do this. This is undertaken by:

1. Physically inspecting the work site
2. Reviewing the best way/job steps required to complete the task
3. Reviewing the Safe Work Information supplied with the equipment
4. Reviewing other reference documentation and expert advice

The hazard identification and control process steps are defined as:

1. Identify the Hazards (e.g. uneven ground, ground hardness, or other site conditions)
2. Assess the Risk (e.g. possible injury resulting from material falling into pit area)
3. Select the Control Measure (e.g. ensure ground is level and suitable, ensure spacers, pins, struts etc are appropriate and correctly fitted)
4. Re-assess the Risk (risk of falling material now negligible). This is undertaken to ensure that the

## HELP

If you are unhappy with any aspect of the equipment, return it to the nearest Kennards Hire Centre for exchange or phone for assistance. **Do not attempt repairs yourself.**

Refer to your Hire Contract for details of our **AFTER HOURS EMERGENCY NUMBER.**

## SAFETY DO'S

DO take your time; **Read this User Guide** and any other Safety Information provided

(E.g. decals, manufacturer's instructions), completely and in its entirety, **BEFORE** installing the equipment.

DO ensure that the equipment is suitable for your needs and working environment

Do ensure that the equipment is assembled and used according to the manufacturers and hirer's instructions.

DO wear appropriate PPE if necessary depending on task.

DO where possible operate in a clear work area free from non-essential persons, children, animals or hazards.

DO check and assess the equipment at the start and end of each day and report any damage or defects.

DO ensure any relevant permits are obtained for operating on a particular site.

DO ensure that you have a secure footing and clear access and avoid standing on damp, wet or slippery surfaces.

DO ensure the work environment is well lit with all aspects of the job easily seen and discernable.

## SAFETY DON'TS

DO NOT operate any equipment if you are tired or suffering any medical condition, or if under the influence of drugs or alcohol which may cause lethargy or dangers to yourself or others.

DO NOT use equipment for a job it was not designed for.

DO NOT operate any equipment with personnel within the work zone.

DO NOT use faulty or damaged equipment. If in doubt contact your local Kennards Hire Centre

As far as is reasonably possible this generator has been designed to ensure that it is safe and without risk to health when installed and operated in accordance with these instructions. This generator should only be operated by suitably qualified or experienced persons.

Please refer to the manual provided and take note of the following:

1. Prior to installing the generator set you should check that the electrical load to be applied to the generator is within its rated output at the stated ambient conditions.
2. Before carrying out any maintenance or repairs on the AC & DC circuits, isolate these from the control panel & power supplies.
3. Before carrying out any maintenance or repairs on the Engine / Alternator assembly isolate the starting battery and isolate the alternator from the load.
4. When handling fuel, lubricating oil, battery fluids, take all necessary precautions to protect skin & eyes with appropriate PPE.
5. All mechanical guards must be in place while the generating set is running.
6. The water cooling system is pressurized and care should be taken when checking coolant level.
7. Ensure that both the generator and the load are properly earthed.
8. The generator should be connected to the load only by a qualified operator and in accordance with the applicable regulations.

## IMPORTANT - IF ENGINE SHUTS DOWN ON A FAULT CONDITION, IT MUST NOT BE STARTED UNTIL THE FAULT HAS BEEN CLEARED

### OPERATION

1. Generator should be run with all doors closed.
2. Before starting the generator check the following: -Oil level Water level Fuel level Signs of leaks Fuel lever is in the correct position!! INTERNAL -Running from internal fuel tank. EXTERNAL -Running from external fuel tank.
3. Check that the main circuit breaker is in the open position. To initiate a start sequence in MANUAL, press the hand pushbutton. When the controller is in the manual mode (Indicated by an LED indicator beside the button), pressing the START (I) button will initiate the start sequence.

### DAILY CHECKS

1. Engine oil level (Use SAE 15W-40 or equivalent).
2. Drain any excess water from fuel filters.
3. Fuel tank level. Always use clean fuel & replace fuel cap. Use only good quality Diesel.
4. Water / Anti-freeze level.
5. Check air filter. In dusty conditions clean primary air filters regularly.
6. Check battery terminals and condition.
7. Visual check of drive belts. **DO NOT REMOVE GUARDS.**
8. Rectify any minor water, oil, fuel leaks.

4. Run off load for 2/3 minutes before stopping the generator.
5. Stop the generator by pressing the stop button.
6. EARTH LEAKAGE should be in the ON position for normal operation and should only be switched OFF after consulting KEN NARDS generator branch.
7. Refer to the KEN NARDS generator branch if required to run in AUTO.
8. Do not do any of the following: -(a) Make any adjustments with the engine running. (b) Use dirty or the same can to add oil or water. (c) Remove or replace batteries without contacting Kennards
9. Report any recurring leaks & problems to KENNARDS GENERATOR
10. Clean & empty bund if required.
11. Check all meters / gauges are functional.
12. Check oil pressure & engine temperature are within acceptable limits.
13. Report immediately any abnormal consumption of fuel, oil or water.
14. Report immediately any electrical or mechanical operating difficulties.
15. Log & report any defects.
16. Contact KENNARDS GENERATOR BRANCH for service intervals.

This operating and safety brochure is intended as a guide only for the safe operation of this equipment. It does not override license requirements nor is it a substitute for a structured operating lesson.

If you are unsure about any aspect of the equipment or its capabilities or if you are in doubt as to its proper usage, feel free to consult our trained employees for instruction or the answers to any questions you may have regarding the safe operation of this equipment.

