

SMALL DIESEL GENERATOR SAFETY INSTRUCTIONS

Equipment Care:

- **Respect Design Limits:** Never exceed the equipment's design limits.
- **Right Size for the Job:** If the equipment struggles to perform tasks easily, consider using a different-sized generator. Consult Target Tool & Plant Hire for advice.
- **Regular Cleaning:** Maintain cleanliness through regular cleaning.
- **Proper Storage:** When not in use, store the equipment in a clean, dry, and secure place.
- **Fuel and Oil Check:** Regularly check fuel and oil levels. Ensure proper oil level when the engine is cold and on level ground. Suitable oils are available at Target Tool & Plant Hire.

Finishing Off:

- **Switch Off Equipment:** Turn off all equipment powered by the generator.
- **Turn Off Generator:** Switch the ignition key to 'OFF' and wait for the engine to stop. Then close the fuel tap.
- **Disconnect Plugs:** Disconnect all plugs connected to the generator.
- **Final Cleaning:** Give the unit a final clean before returning it to Target Tool & Plant Hire.

Power Limits:

- **Avoid Overload:** Never overload the generator. Calculate the running load by adding up power ratings in kilowatts. It should be between half and two-thirds of the generator's kVA rating. Consult Target Tool & Plant Hire for advice when uncertain.

General Safety:

- **Safety and Suitability Advice:** For safety and suitability advice, contact Target Tool & Plant Hire.

- **Follow Instructions:** Failure to follow instructions in the guide can lead to serious injury.
- **Risk Assessments:** Conduct necessary risk assessments before equipment use.
- **Competent Operator:** Use the equipment only if deemed competent by an employer.
- **User Requirements:** This equipment should be used by an able-bodied, competent adult who understands these instructions. Seek advice for disabilities.
- **Work Area Precautions:** Keep children, animals, and bystanders away. Use cones, barriers, or tape to mark a NO GO area.
- **Operational Condition:** Avoid using the equipment when ill, tired, or under the influence.
- **Safety Gear:** Wear practical, protective clothing, gloves, and footwear. Avoid loose clothing, jewelry, and tie back long hair.
- **Heavy Equipment Handling:** Do not attempt to lift heavy equipment alone; use proper lifting equipment.
- **Lighting and Ventilation:** Ensure proper lighting and ventilation in the work area.
- **Flammable Hazards:** Avoid flammable gases, liquids, and fumes.

Electrical Safety:

- **Dry and Sheltered Equipment:** Keep the generator and electrical equipment dry and sheltered.
- **Earthing Requirement:** When powering equipment requiring an earth connection, consult a qualified electrician.
- **Switch Safety:** Always turn OFF electrical switches before connecting or servicing equipment powered by the generator.
- **Generator Shutdown:** Turn OFF the generator's engine when not in use or before servicing it.
- **Electronics Precaution:** Do not use a generator to power sensitive electronic equipment without surge protection devices.

Safety Cut-Outs:

- **Circuit Breakers:** Generators have circuit breakers that cut OFF power if overloaded. Reset the switch after unplugging everything.

Generator Operation:

Contact: hello@target-hire.co.uk

FORM CODE: HSTP05
VERSION: 0.1
DATE: AUG 2023

- **Startup and Shutdown:** Never start or stop the generator 'on load'. Switch OFF and unplug equipment powered by it.
- **Cable Placement:** Keep power supply cables and leads away from harm's way. Avoid trails through water, sharp edges, or tripping hazards.

Starting and Stopping:

- **Check Levels:** On level ground, open the engine compartment cover and check fuel and oil levels.
- **Qualified Electrician:** If necessary, have a qualified electrician connect the generator's earth terminal to an earthing point.
- **Startup:** Open the fuel tap, turn the ignition key clockwise to 'ON', press the preheat button for 10-15 seconds, then turn the key to 'START' until the engine starts. Return the key to 'ON'.
- **Shutdown:** Turn the key to 'OFF'.

Engine Safety Features:

- **Overheating and Oil Pressure:** The engine has a cut-out system stopping it if it overheats or oil pressure is too low. Allow cooling before checking coolant and oil levels.
- **Low Fuel Indicator:** If the low fuel indicator lights up, stop and refuel as instructed in 'Equipment Care'.

Basic Techniques:

- **Voltage Options:** The generator supplies either 115V or 230V, not both simultaneously.