

# GENERATOR — PETROL 4 STROKE



## SAFETY INSTRUCTIONS

1. Read all of this leaflet before you use the generator.
2. A competent person must authorise use of the generator for some of the applications outlined in this leaflet.
3. You will need the services of a qualified electrician if you plan to use the generator to supply an installed or large system, or for some of the other uses outlined in this leaflet.
4. Electricity is dangerous and must always be used with great care.
5. Petrol is highly flammable. Take care not to cause a fire or explosion.
6. This equipment is designed to generate electricity up to its rated current, and its rated voltages — do not use it to do anything else. Carelessness or misuse could cause a serious or fatal accident.
7. Plan your work and think ahead to make sure that you will always be working safely.
8. You will need:



### Before Starting Work

1. Check your generator, engine, sockets and all equipment. Do not use anything found damaged — Contact Torrent Trackside 24 Hour Hotline Number 0845 7697168.
2. You must have good ventilation or extraction to remove the poisonous exhaust fumes (factories act 1961).
3. This equipment is likely to cause noise levels up to 94 dB(A). Wear appropriate ear defenders (noise at work regulations 1989).


4. Anybody who is also working near the generator will need to wear ear defenders.
5. The generator should be sheltered from the rain and water, and on a firm and level surface.
6. Do not use this generator where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
7. Make sure that you understand all of the controls. Before you start the generator, you must know how to stop it.
8. The generator may not be suitable for use with some power tools that have electronic speed control, and sensitive electronic equipment such as laser surveying, video or computer equipment. Check with the hire company before use.

## **Refuelling**

1. No smoking.
2. Stop the engine and let it cool down.
3. If possible, move the generator away from your work area.
4. Use a funnel and clean petrol. Do not spill any petrol on yourself or the generator.
5. Wipe any petrol off the machine. Dispose of fuel soaked cloth carefully.
6. If you spill any petrol on the ground, wipe it up or cover it with soil.
7. If you spill any petrol on your clothes, change them straight away.
8. Put all petrol caps back on properly, and move your fuel can to a safe, cool place.

## **Electrical Connections**

1. The electrical supply from a generator should be treated with greater care than normal mains electricity.
2. If you plan to connect the generator to anything other than a single tool or appliance, you should get a competent person to check that what you are doing is safe.
3. You will need a competent qualified electrician to connect the generator to an installation or large system.
4. Do not use distribution boxes, or more than one tool or cable connected to the generator, without consulting a competent person.
5. If you use extension cables, they should be kept as short as possible. Lay them out carefully where they will not get damaged, and so that the connections will not get wet. You will need to keep a close check on their full length.

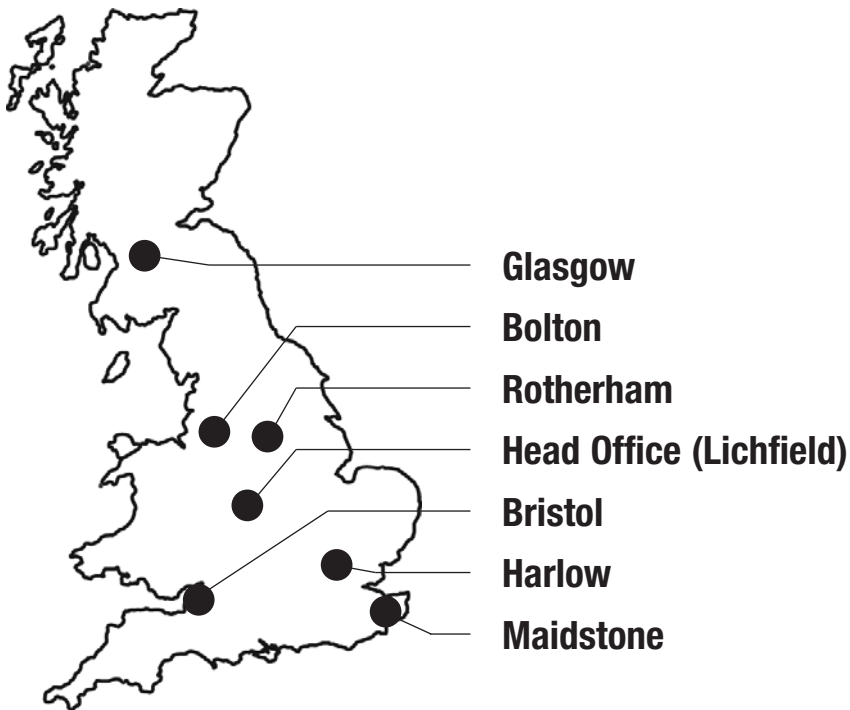
6. You should use only double insulated tools, marked as here. Do not use earthed tools (those that need an earth wire) without consulting a competent person. 
7. Check the generator's power rating against the power usage of your tools. The generator's rating will be shown on its case. 1kva means it can supply about 800 watts, 5kva means about 4000 watts. Check the labels on each of your tools to find their power usage, or check with a competent person. Make sure that your tools will not draw more power than the generator can supply.
8. In any event, certain site conditions will require that the generator is earthed and bonded. This must be done by a competent qualified electrician.

### **Starting the Machine**

1. Check that the engine and machine controls are set correctly, and that it is on a level surface.
2. Make sure that you hold the machine firmly so it will not move when you pull the starter.
3. Pull the starter grip out slowly. It will come easily at first, until it bites. Now give it a strong pull.
4. Let the starter rope rewind itself slowly.
5. If the generator will not start, check that the oil level has not fallen too low. This may automatically prevent the engine running.

### **Using the Generator**

1. Keep a close check on any cables that you are using — especially extension cables. If they appear to be damaged in any way, stop the generator and replace them.
2. The generator has fuses or circuit breakers to protect it in case of overload. If you think a fuse has blown, get a competent person to replace it.
3. The generator may switch itself off if it gets too hot. Allow it to cool down before restarting. If this happens repeatedly, check with the competent person or the hire company.
4. Stop the generator before leaving it unattended.
5. If your equipment does not work properly, do not try to repair it. Contact Torrent Trackside 24 Hour Hotline Number 0845 7697168.



**GLASGOW:** 0141 771 3337

**BOLTON:** 01204 371144

**ROTHERHAM:** 01709 558111

**LICHFIELD:** 01543 421900

**BRISTOL:** 0117 982 6622

**HARLOW:** 01279 423147

**MAIDSTONE:** 01622 710500

**HOTLINE NUMBER:** 0845 7697168