

PPE Required



General Safety Instructions

- Complete pre-start checklist
- Read Manufacturers Operation Manual
- Report any faults or damage to GRF Contracting Pty Ltd
- Do not wear loose clothing or jewellery
- Do not operate equipment near pedestrians or people
- Do not operate without the appropriate PPE as detailed
- Do not operate equipment under the influence of drugs or alcohol

General Engine Safety

- Ensure all electrical equipment has a current test tag within 3 months
- Do not operate equipment in or around water or damp environments
- RCDs must be used to power this equipment
- Ensure the power lead is well stowed and do not present trip hazards
- Isolate the power by removing the plug prior to performing any work on the equipment including prior to changing leads or tools or bits

Operating Safety Instructions

- Operators should familiarise themselves with the equipment
- Use the correct tool, the right size and type for the job, do not improvise
- Tools must be kept in good condition and used correctly
- Never use attachments for extra leverage
- Never operate faulty equipment – report it immediately
- Check all electrical power tool leads and extension cords for defects, cuts, loose wires etc before use
- All power tools and extension cords must be tested and tagged
- Damaged electrical equipment, exposed wires, loose plugs etc must be tagged “Out of Service” and removed
- Fixed or portable RCD’s (Residual Current Devices) must be used
- Use RCDs with generators that are earthed
- Report all electrical shocks
- Wear eye protection where there is a possibility of electrical flash
- Always turn off tools and disconnect from the power prior to making any tool/blade changes or lead connections
- Do not operate under the influence of drugs or alcohol
- Power tools can be very powerful beware of;
 - Strong forces on start up
 - Very high speeds
 - Blades & bits can catch and cause them to kick violently
 - Debris being ejected from the work piece
- Ensure drill bits, blades, discs, tool pieces, belts & discs are tightly secured and sharp and appropriate for the type of material being worked on.
- Regular checks must be made for wear of jaws and pivot points
- Cutting tools must be kept sharp and out of the way when not in use
- Direct the sharp edge away from the body

Electric Power Tools



Risk Assessment

- Assess the immediate work area for any hazards
 - Control or eliminate all the risks associated with the hazards
 - Hazards to check for that may require risk control-
 - ☐ Overhead power lines
 - ☐ Digging
 - ☐ Confined space
 - ☐ Traffic & moving machinery
 - ☐ Stored energy – air, hydraulic, electricity, pressure
 - ☐ Working at height
 - ☐ Falling objects
 - ☐ High Voltage
 - ☐ Any stored energy
 - Keep power tools dry. Do not use power tools in or near water or damp conditions
 - Do not allow leads, plugs or cords to trail into mud or water
 - Do not drill or cut or cut pipes, tanks or vessels that contain pressure or flammable substances
 - Only qualified personnel to perform maintenance and repairs
 - Power leads must be long enough to reach the job without straining
 - Check that the power cord does not create a trip hazard
 - Do not attach extension cords to scaffolding
 - Power tools must not be located where they can be damaged or create a hazard
 - Do not block airflow to machine as it can cause overheating
 - Remove all jewellery and protruding items from shirt pockets etc before use
 - Do not use electrical equipment in poor light
- Before starting ensure to;
- Position feet and body in a wide stance
 - Hold the tool firmly with both hands
 - Plan your cut or work prior to starting
 - Ensure the work piece is well secured
- During operation;
- Do not apply excessive force let the tool do most of the work
 - If you need to apply more force the tool could blunt or worn
 - Avoid twisting or bending tool piece in the work piece as they can break
 - Ensure you can not be distracted
 - Be careful not to overheat the work piece which could lead to worn out tools
 - Clean up the area after use and coil the lead up
 - **Do not use battery operated or electrical operation equipment for cutting, drilling or stopping of gas mains or services.**

