

# Safe Operating Procedure

## Compound Mitre Saw



### PERSONAL SAFETY



### PRE OPERATIONAL SAFETY CHECKS

- Ensure saw is properly secured to worktable by bolts/clamps at approximately hip height;
- Ensure work table is secure;
- Ensure the saw is operated on an RCD protected circuit and leads kept off the ground;
- Check workspaces and walkways to ensure no slip/trip-hazards are present;
- Check that all safety guards are in position and are operational;
- Ensure you are familiar with the operation of the ON/OFF starter;
- Keep table and work area clear of all tools, off-cut timber and sawdust;
- Start the dust extraction unit before using the machine;
- Faulty equipment must not be used. Immediately report suspect equipment.

### POTENTIAL HAZARDS

- Saw may grab and 'kick-back' toward operator;
- Flying chips and airborne dust;
- Contact with rotating blade;
- Eye injuries;
- Noise.

### OPERATIONAL SAFETY PRACTICES (CONTROLS)

- The maximum cut for the machine must not be exceeded;
- Ensure all adjustments are secure before making a cut;
- Use clamps to secure and support the workpiece to a stable platform. Do not use a length stop on the free scrap end of a clamped work-piece;
- Do not cut more than one work-piece at a time;
- Before turning on the saw, perform a dry run of the cutting operation to ensure that no problems will occur when the cut is made;
- Do not start the saw with the blade touching the workpiece. Allow the blade to reach full speed before contacting the work-piece;
- Avoid reaching over the saw line. Do not cross arms when cutting;
- When using the right hand to pull the saw down, keep the left hand, especially the thumb well clear of the line of cut;
- If workpiece is bowed or warped, clamp it with the outside bowed face toward the fence;
- After finishing the cut, release the switch, hold the saw arm down and wait for blade to stop before removing work or off-cut piece;
- Disconnect the plug from the power source and bring the machine to a complete standstill before making any adjustments.

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### DO NOT:

- **Cut pieces that are too small to be securely clamped;**
- **Cut wood with embedded nails or screws;**
- **Cut dowel;**
- **Rip solid timber along the grain;**
- **Cut ferrous or non-ferrous material.**

### HOUSEKEEPING

- Turn 'off' machine and disconnect the plug from the power source;
- Bring the machine to a complete standstill before storing;
- Leave the machine and work site in a safe, clean and tidy state.