

Safe Operating Procedure

Cut Off Saw



PERSONAL SAFETY



PRE OPERATIONAL SAFETY CHECKS

- Ensure saw is properly secured to a worktable by bolts/clamps at approximately hip height;
- Ensure the saw is operated on an RCD protected circuit;
- Check leads and RCD's have been tested and tagged;
- Use abrasive cut off wheels with the correct size arbour hole and grade;
- Use abrasive cut off wheels which have a maximum safe operating speed greater than the "no load RPM" marked on the machine's nameplate;
- Before each use inspect the cut off wheel for chips and cracks;
- Check workspaces and walkways to ensure no slip/trip-hazards are present;
- Ensure all guards are in place, in working order, and in proper adjustment and alignment;
- Ensure the depth stop is properly adjusted;
- Ensure you are familiar with the operation of the ON/OFF starter;
- Keep table and work area clear of all tools and off-cut material;
- Faulty equipment must not be used. Immediately report suspect equipment.

POTENTIAL HAZARDS

- Metal sparks;
- Noise;
- Sharp metal burrs;
- Contact with rotating disc;
- Eye injuries;
- Burns from work-piece;
- Disc fracture/Disintegration ;
- Electricity.

**THIS MACHINE AND ABRASIVE WHEEL IS NOT INTENDED TO CUT WOOD OR WOOD PRODUCTS
DO NOT GRIND ON THE SIDE OF ABRASIVE CUT OFF WHEELS**

OPERATIONAL SAFETY PRACTICES (CONTROLS)

- Ensure all adjustments to machine are secure before making a cut;
- Do not hold a work-piece by hand. Workpiece will become very hot while being cut;
- Use the vice to clamp the work and properly support the over-hanging portion or the work-piece level with the base of the machine;
- Do not use a length stop on the free off-cut end of a clamped work-piece;
- Allow the machine to reach full speed before contacting the work-piece;
- Do not have any part of your body in line with the path of the abrasive disc;
- Ease the abrasive disc against the work piece when starting to cut. Do not force tool;

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- Keep hands away from cutting area. Do not attempt to remove cut material while wheel is moving;
- After finishing the cut, release the switch, hold the saw arm down and wait for the disc 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.

HOUSEKEEPING

- Disconnect the plug from the power source and bring the machine to a complete standstill before storing;
- Ensure ventilation openings and switch levers are kept clean and free of foreign matter;
- Leave the machine in a safe, clean and tidy state.