

STANDARD OPERATING PROCEDURE

Bandsaw

DO NOT use this machine unless you have been trained and assessed to a competent level in its safe use and operation, and have been given permission to use this equipment.



Safety glasses must be worn when operating this equipment.



Safety footwear must be worn when operating this equipment.



Rings and jewellery must not be worn when operating this equipment.



Long and loose hair must be contained when operating this equipment.



Hearing protection must be worn where noise levels are in excess of the 85 dB(A) occupational exposure limit.



Close fitting/protective clothing must be worn when operating this equipment.

PRE-OPERATIONAL SAFETY CHECKS

1. Ensure that risk assessment has been read. **UQ risk assessment task ID # 1011.**
2. Ensure no slip/trip hazards are present in workspaces and walkways.
3. Locate and ensure you are familiar with the operation of the ON/OFF starter and lockable E-Stop.
4. Ensure correct blade type is fitted for the task and in the correct direction. Only trained workshop staff are permitted to change the blade.
5. When welding/annealing blades, always follow manufacturer's instructions shown on machine.
6. Check that all guards are in position.
7. Ensure push stick is available.
8. Lower the blade guide and guard to full effect.
9. Start the dust extraction unit before using the saw (where fitted).
10. Faulty equipment must not be used. Immediately report suspect machinery.

OPERATIONAL SAFETY CHECKS

Keep fingers off the line of the cut at all times

1. Never leave the machine running unattended.
2. The workpiece should be fed forward evenly and held firmly on the table to ensure effective control during cutting whilst keeping hands in a safe position.
3. Strong gloves are to be worn when feeding large sheets of material through this equipment.
4. Use a push stick when feeding material past the blade.
5. Do not force a wide blade on a cut of small radius. Use relief cuts when cutting sharp curves.
6. Before making adjustments switch off the saw and bring the machine to a complete standstill.
7. Stop the machine before attempting to back the work away from the blade.
8. Stop the saw immediately if the blade develops a 'click'. Report it immediately.

HOUSEKEEPING

1. Switch off the saw, engage the E-stop and reset all guards to a fully closed position.
2. Return all tooling and fixtures to the correct storage location.
3. Display a completed "Equipment in Use" notice if the machine is set up and/or in use but unattended
4. Leave the machine and work area in a safe, clean and tidy state after job is completed.
5. Return surplus material to stock & dispose of waste material in an appropriate recycling or waste bin

POTENTIAL HAZARDS

- Hair/clothing entanglement - rotating blade
- High noise levels when cutting
- Flying swarf/chips
- Sharp edges & burrs
- Eye injuries

FORBIDDEN

- Attempting to cut very small items off-hand
- Cutting cylindrical or irregular stock off-hand
- Distracting operator
- Removal or modification of safety devices

This SOP does not necessarily cover all possible hazards associated with the machine and should be used in conjunction with other references. It is designed to be used as an adjunct to teaching Safety Procedures and to act as a reminder to users prior to machine use.