



# COLD SAW (BROBO) – STANDARD OPERATING PROCEDURE

**DO NOT** use this tool without completing appropriate induction / training.



Approved safety glasses must be worn at all times in work areas.



Hearing protection may be necessary when noise levels are considered excessive.



Appropriate protective footwear with substantial uppers must be worn in work areas.



Close fitting protective clothing or a suitable workshop apron is advisable.



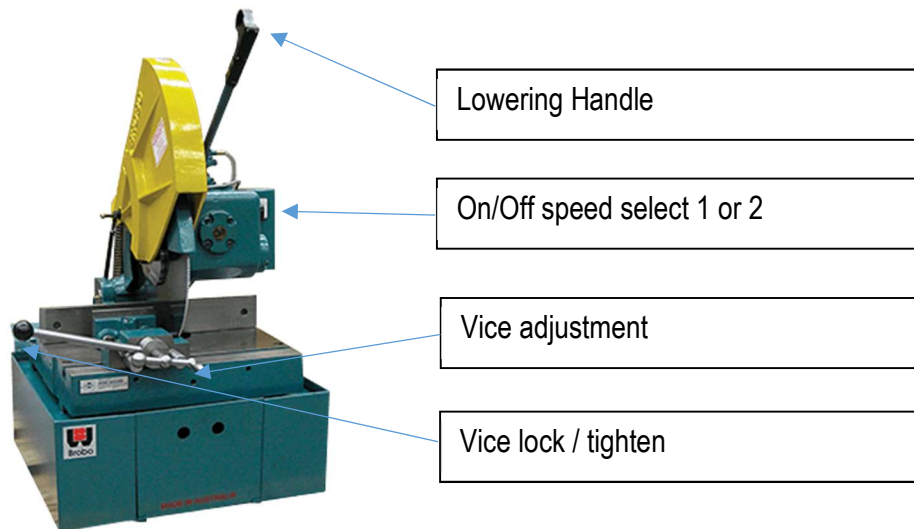
Contain or restrain long and loose hair, and remove exposed rings or jewellery.

## POTENTIAL HAZARDS

- Moving, rotating sharp blade
- Electricity
- Entanglement
- Noise
- Eye injuries
- Metal burs and swarf

## PRE-OPERATIONAL SAFETY CHECKS

1. Locate and ensure you are familiar with all machine operations and controls and have completed a practical induction with a technician prior to use.
2. Ensure all guards are fitted, secure and functional. Do not operate if guards are missing or faulty.
3. Turn on machine and check coolant is freely flowing over the blade. If not – contact a technician immediately.
4. Ensure long and overhanging work pieces are fully supported and sign post trip hazards as necessary.
5. Check the angle of the vice and saw head is set to the desired cutting angle.
6. ONLY cut metal materials in the cold saw.
7. DO NOT attempt to cut small work pieces that can't be held securely in the vice.



## SAFE OPERATIONAL PROCEDURES

1. Always ensure the material being cut is firmly clamped in the vice. Never hold material by hand.
2. Turn on the saw by selecting speed 1 or 2. Speed 2 is better for softer metals such as aluminium.
3. Ensure cooling fluid is flowing over the blade. If not - contact technician immediately.
4. Stand well clear and slightly to the side while cutting.
5. Slowly lower the handle and apply gentle downward pressure to begin cutting. Do not use excessive force. Metal cutting is a slow process - let the blade do the work.
6. Listen for any unusual noises during the sawing process.
7. Do NOT leave the machine running unattended
8. When the cut is complete - raise the handle and turn the machine to 'OFF'.

## POST OPERATION

1. Switch off the machine when finished and ensure the blade comes to a complete standstill before cleaning up.
2. Clean up any swarf and offcuts using a brush and sweep into the bin below. Absorb any coolant spills on the floor immediately.
3. Leave the machine in a safe, clean and tidy state.
4. Use appropriate waste bins provided and recycle stations for re-usable materials.