







# SMSA – Safe Work Procedure

## COLD SAW



**DO NOT use this machine unless you have been instructed in its safe use and operation and have been given permission**

### PERSONAL PROTECTIVE EQUIPMENT

-  Safety glasses must be worn at all times in work areas.
-  Long and loose hair must be contained.
-  Hearing protection must be worn.
-  Sturdy footwear must be worn at all times in work areas.
-  Close fitting/protective clothing must be worn.
-  Rings and jewellery must not be worn.

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Locate and ensure you are familiar with all machine operations and controls.
- ✓ Ensure all guards are fitted, secure and functional. Do not operate if guards are missing or faulty.
- ✓ Check workspaces and walkways to ensure no slip/trip hazards are present.
- ✓ Ensure saw blade is in good condition.
- ✓ Check the operation of the work vice.
- ✓ Check coolant delivery system to allow for sufficient flow of coolant.





### OPERATIONAL SAFETY CHECKS

- ✓ Ensure the workpiece is securely held in the work vice.
- ✓ Support overhanging work. Signpost if it presents a hazard.
- ✓ Listen for any unusual noises during the sawing process.

### ENDING OPERATIONS AND CLEANING UP

- ✓ Switch off the machine when work completed.
- ✓ Before making adjustments or before cleaning swarf accumulations, switch off and bring the machine to a complete standstill.
- ✓ Clean up and absorb any coolant spills immediately.
- ✓ Leave the machine in a safe, clean and tidy state.

### POTENTIAL HAZARDS AND INJURIES

-  Possible skin irritation from coolants.
-  Eye injuries.
-  Sharp edges and burrs, metal splinters.
-  Noise.

### DON'T

- ✗ Do not use faulty equipment. Immediately report suspect equipment.
- ✗ Do not cut very small items.
- ✗ Do not cut materials other than metal.
- ✗ Never leave the machine running unattended.
- ✗ Never force the saw into the workpiece. Use a slow and even feed rate.

This SWP does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with other references. It is designed as a guide to be used to compliment training and as a reminder to users prior to equipment use.

*This information is provided by Frontline Safety*