

Safety Operating Procedures

Horizontal Bandsaw

DO NOT use this machine unless a Training Officer has instructed You and has given permission by a signed Risk Assessment



Safety glasses must be worn at all times in work areas.



Long and loose hair must be contained.



Gloves must not be worn when operating this machine



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

- ✓ Ensure no slip/trip hazards are present in workspaces and walkways.
- ✓ Locate and ensure you are familiar with the operation and controls – On/Off
- ✓ Ensure all guards are in place & Interlocks are operational.
- ✓ Ensure hydraulic damping mechanism functions.
- ✓ Check that the blade is in good condition.
- ✓ Ensure that blade speed, blade tension and blade tracking are properly adjusted.
- ✓ Check coolant delivery system to allow for sufficient flow of coolant.
- ✓ If the job obstructs the walkway erect a barricade.
- ✓ Faulty equipment must not be used. Immediately report suspect machinery.

OPERATIONAL SAFETY CHECKS

- ✓ Lift the head of unit up and lock it in the upward position.
- ✓ Set the angle of the vice, or check it to ensure its squareness.
- ✓ Clamp work piece firmly into the vice. Long material **must** be supported.
- ✓ Adjust blade guards to cover unused portion of blade.
- ✓ Ensure hands are away from the blade, and then turn the machine on.
- ✓ Allow the upper head assembly to come down slowly until the teeth are cutting the material.
- ✓ Keep hands away from the point of operation during cutting.
- ✓ Turn off the machine and bring it to a complete standstill if the blade is to be lifted out of an uncompleted or jammed cut.
- ✓ Stop the machine and bring it to a complete standstill before removing scrap pieces from the vice area or making adjustments.
- ✓ Stop the saw immediately if the blade develops a 'click'. Report it to your Training Officer.

- ✓ Ensure the cutting head is locked in the upward position before removing work piece.

HOUSEKEEPING

- ✓ Switch off the saw and reset all guards to a fully closed position.
- ✓ Clean up and absorb any coolant spills immediately.
- ✓ Leave the machine in a safe, clean and tidy state.

POTENTIAL HAZARDS AND INJURIES

- ⓘ Sharp Teeth– contact injury handling /clean-up.
- ⓘ Moving parts - hair/clothing entanglement.
- ⓘ Eye injuries.
- ⓘ Skin irritation.
- ⓘ Metal splinters/swarf burrs.
- ⓘ Sharp edges and burrs.
- ⓘ Manual Handling -heavy /long sections of material

DON'T

- ✗ Push down on the cutting head while it is cutting.
- ✗ Leave the machine running unattended.
- ✗ Attempt to hold or catch the work-piece as it completes the cut.

This SOP does not necessarily cover all possible hazards associated with the machine and should be used in conjunction with other control measures. 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

Date of last review

Signature