

Horizontal Band Saw Operation

Facility:	Written By:	Approved By:	Date Created:	Date of Last Revision

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Mechanical Energy	Safety Glasses	Certification/ training in house
Laceration	Steel Toed Boots	by individuals, experienced
Amputation	Hand Protection	and knowledgeable with the tool
Manual Lifting		Operators Manual

Safe Work Procedure:

- 1) Horizontal Band Saw is used for cutting bar, cylinder stock, angle iron, I beam, H beam, Flat Bar, Channel Iron
- 2) Ensure main power is turned off at switch and machine power switch is turned off
- 3) Hinged blade assembly is lifted on unhinged end and locked into position with blade lock, which holds blade about material vice
- 4) Material intended to cut is selected and generally hand carried to band saw. If weight of material is in excess of suggested limit use forklift, hoist or additional help to place material in vice, double check measurements and line up the material to the blade, then hand tighten vice.
- 5) When material is properly secured in vice, band saw is turned on with blade assembly lifted adjust the pressure rate by turning dial rates about 2 are excessive and will generally cause damage to the machine
- 6) Stand by and do not leave machine unattended while cutting is in process
- 7) Ensure cutting fluids are being dispensed by machine over saw blade, if there are not shut down saw and inspect
- 8) Band saw automatically shuts off when cutting operation is complete
- 9) Once cutting operation has stopped, main power is shut down and machine on/off switch is turned off
- 10) Band saw blade is lifted and locked into position by ensuring feed is set to 0, loosen then vice and remove cut materials from machine
- 11) Although cutting oil generally reduces the quantity of airborne cutting chips, safety glasses should be worn during operation and cleanup of the Horizontal Band Saw

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure
REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR

<p>Guidance Documents/Standards: MB Workplace Safety & Health Act & Regulations: Part 2.1 Safe Work Procedures Section 5 Duties of Workers</p>	<p>This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years</p> <p>Reviewed By WSH Committee: Date:</p>
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