

Operation/Activity: **Use of Lathe**

Site / Location:

Persons at Risk (tick appropriate boxes)

Employee	<input checked="" type="checkbox"/>	Pregnant Women	<input type="checkbox"/>
Visitor	<input type="checkbox"/>	Disabled Persons	<input type="checkbox"/>
General Public	<input type="checkbox"/>	Lone Workers	<input checked="" type="checkbox"/>
Young Persons	<input type="checkbox"/>	Others	<input type="checkbox"/>

GUIDE TO RATINGS:

RISK SEVERITY	RISK LIKELIHOOD	RISK RATING
1 Negligible	1 Unlikely	1 - 6 Low
2 Minor	2 Possible	7 - 14 Medium
3 Significant	3 Quite Possible	15 - 25 High
4 Major	4 Likely	
5 Catastrophic	5 Very Likely	

Overall Risk Rating = Low

Describe the hazards associated with the activity/operation.

		Summary of Assessment Overleaf				
		Risk Rating (Before Controls)	Likelihood (L)	Severity (S)	Risk (L x S)	Risk Rating
H1	Manual handling injuries when loading materials. Further there is the risk of trapping fingers and hands when operating the Lathe.	Medium	2	3	6	Low
H2	Hands, fingers or clothing become entangled in moving parts, also the further risk of being pulled into the machine.	Medium	2	3	6	Low
H3	Cuts and abrasions from flying debris.	Medium	2	2	4	Low
H4	Allergic reaction to oil/coolant.	Medium	2	2	4	Low
H5	Electrocution from poor maintenance.	Medium	2	3	6	Low
H6	Respiratory problems caused by inhalation of dust	Medium	2	3	6	Low

Assessed By:	Date:
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Monitored By:	Date:
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Issue: 001
 Date:
 Review:

Risk Assessment



Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
General	All operators are trained and competent in the safe use of the manual machines. This training is reviewed on a regular basis to ensure safe and high standards of operations are achieved at all times.			
	<p>All operators have been trained in and complete regular cleaning of their own area. Operators must ensure that their area is clean and tidy and free from tripping or slipping hazards, they are responsible for cleaning swarf and debris from the manual machines.</p> <p>Operators will wear the appropriate PPE when cleaning.</p> <p>Cleaning will take place before and after each shift. All operators are required to sign and date that they have completed the cleaning before and after each shift. The 'Maintenance and Defects Log' will be used for this purpose.</p> <p>In addition the 'Maintenance and Defects Log' will be used to record any defects found in the manual machines. Upon finding a defect, it must be recorded on the 'Maintenance and Defects Log' along with a signature of the operator and be dated. The operator must then inform their supervisor of the defect. Operations must cease till the defect is rectified.</p>			
	Noise will be reduced to its lowest possible level. Assessments will be carried out where necessary.			
H1 Manual Handling	Gloves will be worn when handling sheet metals.	2	3	6
	Care will be taken to ensure correct lifting techniques are being followed in order to remove undue back strain. Where loads can not be comfortably lifted operatives must seek another person to share the load.			

H2 Entanglement	<p>If the manual machine that the operator is operating has a guard then they will ensure that it is used.</p> <p>For those manual machines that are unguarded, suitable signs and safe operating notices are displayed.</p>	2	3	6
H3 Cuts and abrasions from flying debris	<p>The appropriate PPE will be always worn by operatives, this will include:</p> <ul style="list-style-type: none"> • Safety shoes (mandatory); • Glasses (when required); • Overalls (mandatory); • Ear protectors (when required). 	2	2	4
H4 Allergic reaction to oil/coolant	<p>All operators are required to thoroughly wash their hands at the beginning and end of their shifts and after a break i.e. lunch. Barrier cream is provided and should be applied to clean hands after they are washed.</p>	2	2	4
	<p>Only oil and coolant specified by the manufacturer will be used. COSHH assessments and Safety Data Sheets are available.</p>			
H5 Electrocution	<p>Operatives are forbidden to carry out any repairs if they are not qualified and competent to do so.</p>	2	3	6
	<p>Maintenance and testing is carried out on a regular basis by a qualified electrician.</p>			
H6 Dust	<p>The saw machine and surrounding area must be kept clear from wood refuse and dust build up.</p>	2	3	6
	<p>Ensure that the LEV is on and operating correctly. Ensure that suitable PPE is worn dust face masks to FFP3 standards are correctly worn and face fitted with records kept of the face fitting.</p>			

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Personnel Informed of Risk Assessment Content, Received and Understood

Name	Signature	Date