

RA17	RISK ASSESSMENT	
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Operation/Activity:	Use of a Jigsaw
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Site / Location:	All Sites
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Persons at Risk (tick appropriate boxes)			
Employee	☒	Pregnant Women	☐
Visitor	☐	Disabled Persons	☐
General Public	☐	Lone Workers	☐
Young Persons	☐	Others	☐

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.						
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			Summary of Assessment Overleaf			
			Risk Rating (Before Controls)	Likelihood (L)	Severity (S)	Risk (L x S)
H1	Cuts and lacerations	Medium	1	3	3	Low
H2	Damage to hearing	Medium	1	4	4	Low
H3	Upper limb disorders	Low	1	3	3	Low
H4	Eye injury	Medium	1	3	3	Low
H5	Electrocution	Medium	1	4	4	Low

Assessed By:	Ian Morgan	Date	18/10/23
Reviewed By:	Craig Knights	Date:	13/08/25
Approved By:	Gary Robinson	Date:	13/08/25

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Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
H1 Cuts and lacerations	Operator to be competent.	1	3	3
	Jigsaw blades to be sharp. Replace blades when worn.			
	No loose clothing.			
	Material being cut to be secured.			
H2 Damage to hearing	Noise level at source is 101dB. An 8 metre exclusion zone will be maintained around the cutting process. Ear defenders must be worn by the operator and other persons in the area. All other persons must be asked to vacate the room in which cutting is taking place. Any operatives standing within 8 metres of the drilling operation must also wear ear defenders.	1	4	4
	Machine maintained in good condition.			
H3 Upper limb disorders	Vibration when cutting has been assessed as being between 5 and 10m/s². Maximum daily use must be limited to 2 hours per person. Breaks must be taken on a regular basis in order to reduce exposure to vibration.	1	3	3
H4 Eye injury	Safety spectacles to be worn.	1	3	3
	Do not force the blade through the material.			
H5 Electrocution	Portable appliance testing carried out.	1	4	4