

RA39	RISK ASSESSMENT	 Home Heating and Energy Solutions
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Operation/Activity:	Use of Circular Saw
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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 = Medium

Describe the hazards associated with the activity/operation.						
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		Risk Rating (Before Controls)	Summary of Assessment Overleaf			
			Likelihood (L)	Severity (S)	Risk (L x S)	Risk Rating
H1	Injury from the blade causing severe cuts or amputation	High	2	4	8	Medium
H2	Injury caused by flying sparks from blade.	Medium	2	2	4	Low
H3	Electrocution	Medium	2	3	6	Low
H4	Slips, trips and falls	Medium	2	2	4	Low
H5	Respiratory problems caused by inhalation of dust	Medium	2	2	4	Low

Assessed By:	Ian Morgan	Date	18/10/2023
Reviewed By:	Craig Knights	Date:	17/12/2026
Approved By:	Gary Robinson	Date:	17/12/2026

Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
General	- This risk assessments applies to hand held circular saws only - No person will be employed to use this machine unless they have been trained and instructed in its operation and are authorised to use it or are undergoing training under the supervision of a competent person. - Safety devices and guards must be maintained to ensure safe use of machine.			
	Operatives should endeavour to preserve their P.P.E. in a good condition and regularly clean the equipment. Operatives should notify their supervisor if their P.P.E. requires immediate maintenance or becomes ineffective.			
H1 Contact Injury	Blade guards must be securely fitted and correctly adjusted. The saw must not be operated if the blade guards are not in place	2	4	8
	Keep hands clear of the machinery at all times.			
	The machine must never be left unattended whilst it is still running. Ensure machine has come to a complete stop before leaving.			
	Operatives are forbidden to carry out any repairs if they are not qualified and competent to do so.			
	Gloves and PPE should be worn at all times.			
	Care to be taken when carrying out a plunge cut into floor boarding to avoid the blade grabbing and kicking back.			
H2 Injury caused by flying sparks from blade	PPE should be worn at all times. Gloves must be worn and overall must be worn with the sleeves down. Protective eye goggles should also be worn.	2	2	4
H3 Electrocution	Supply leads must be checked for signs of wear or damage on a regular basis with all faults being reported to management.	2	3	6
	Unplug from power supply before adjusting or carrying out any maintenance.			
	To avoid electric shock do no use in damp conditions or expose to rain.			
H4 Slips, trips and falls	All floor areas around the workstation must be maintained free of any items or substances that may cause slips or trips to occur to the operator or other personnel accessing the area.	2	2	4
H5 Inhalation of dust	- On tool extraction to be used where possible to remove dust to a suitably filtered extraction system - Ensure that ventilation is adequate and that suitable PPE is worn e.g. face masks.	2	2	4

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