

RA30	RISK ASSESSMENT	 Home Heating and Energy Solutions
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Operation/Activity:	Portable Electric Tools - Angle Grinders Use of hand-held electrical small tools, angles grinders
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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	Contact with tool fitting		Medium	2	3	6
H2	Flying particles		Medium	2	2	4
H3	Inhalation of dusts		Medium	2	2	4
H4	Excess noise		Medium	2	2	4
H5	Electric shock		High	2	2	4
H6	Operatives working in close proximity to other operatives and third parties		Medium	2	2	4

Assessed By:	Ian Morgan	Date	18/10/23
Reviewed By:	Craig Knights	Date:	08/10/2025
Approved By:	Gary Robinson	Date:	08/10/2025

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Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
General	Operatives will all be suitably trained in the use of such equipment before being authorised to use it.			
	All operatives will wear suitable personal protective equipment.			
	All operatives will have access to the machine manuals.			
H1 Contact Injury	Only certificated operatives will fit discs / wheels.	2	3	6
H2 Flying Particles	All faulty tools will be removed from site / workshop and repaired.			
	Operatives will wear appropriate PPE at all times on site. This PPE might require additional items for specific tasks such as gloves and goggles.	2	2	4
H3 Dust	Dust masks will be worn when dust levels become an issue or whilst working in confined spaces.	2	2	4
H4 Noise	Ear Defenders are provided to all operatives and must be worn when noise levels are prolonged or reach levels that do not permit normal conversation.	2	2	4
H5 Electricity	All tools will be checked prior to use.			
	Operatives will never use tools when they are wet or the operative's hands are wet.	2	2	4
H6 3 rd Parties	Third parties should be excluded from area that might present a hazard to themselves whilst work is being undertaken.	2	2	4