

RA42	RISK ASSESSMENT	 Home Heating and Energy Solutions
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Operation/Activity:	Vibration in Hand-Held Power Tools
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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	Vibration white finger (reportable disease under RIDDOR)			1	4	4
H2	Carpel Tunnel Syndrome			1	4	4
H3	Permanent and painful numbness and tingling in the hands and arms			1	4	4
H4	Painful joints and muscle weakening			1	4	4
H5	Damage to bones in the hands and arms			1	4	4

Assessed By:	Ian Morgan	Date	18/10/2023
Reviewed By:		Date:	
Approved By:	Gary Robinson	Date:	18/10/2023

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Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
General	Establish m/s² level (2.5) and prevent users exceeding recommended time limits.			
	Maximum duration of 480 minutes in 8 hours			
	Keep tool properly maintained to sustain its best low vibration performance and the cutting bit sharp to avoid undue grip and pressure			
	- Train and provide information for operatives on: - The safe and correct use and maintenance of the tool. - The nature and risk of HAVS, the signs and symptoms			
	Maintain good blood circulation by keeping warm and dry. (Operative should wear gloves to keep hands warm and prevent contact with cold surfaces and avoid or reduce smoking)			
	Any signs of vibration injury to be reported to site management for investigation			
	Operatives experiencing symptoms to be temporarily placed on other work, or have periods of vibration exposure reduced pending improvement and/or medical advice			
	A system of health surveillance to be established should vibration exposure regularly exceed the action level or where an operative has a history of such a condition			