

Project:	L Lynch Plant Hire & Haulage Ltd (Vibration RA)	RA No:	40	Review Date
Operation / Task:	Hand Arm Vibration	Persons at risk:	Fitters/Operators/Yard	31/01/2027
Location / Area:	Various	Public at risk:	Yes	
Monitoring Responsibility:	HSQE Team, Depot Manager, Workshop Manager and Supervisor, Compliance Manager			

KEY

S = Severity Rating

- Negligible
- Minor Injury
- Major Injury (RIDDOR)
- Fatality
- Multiple Fatality

L = Likelihood of Occurrence

- Improbable
- Remote 1 – 10%
- Possible 10 – 50%
- Probable 50 – 90%
- Almost certain 90%+

RR = Risk Rating

Severity	5	4	3	2	1
5	5	10	15	20	25
4	4	8	12	16	20
3	3	6	9	12	15
2	2	4	6	8	10
1	1	2	3	4	5
	1	2	3	4	5
	Likelihood				

R Unacceptable risk, plan out or add further controls.
O Acceptable only if no other method viable & with high level controls in place.
Y Acceptable with suitable controls.
G Acceptable, no further action required.

Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
Handheld Tools Vibrations Hitachi Battery Operated Drill	Hand-Arm Vibration Syndrome (HAVS) Vibration White Finger (VWF)	3	3	9	<ul style="list-style-type: none"> Drills used in high-speed mode have a lower level of vibration, however under heavy use conditions may need to be monitored. Single Axis Vibration = 10.4m/s². Time to reach EAV = 27 minutes. Eliminate the risk by ensuring operative takes regular breaks from using the equipment and do not go over the recommended time of using the tool. 	3	2	6	HSQE Team Depot Manager Workshop Manager and Supervisor Compliance Manager
Handheld Tools Vibrations Metabo 110v handheld grinder	Hand-Arm Vibration Syndrome (HAVS) Vibration White Finger (VWF)	3	2	6	<ul style="list-style-type: none"> This tool is usually used infrequently and hence vibration levels are not too critical. Single Axis Vibration = 7.2 m/s². Time to reach EAV = 3 hrs 50 mins. Eliminate risk by ensuring regular PAT tests are done and only competent personnel should be allowed to operate equipment. 	3	1	3	HSQE Team Depot Manager Workshop Manager and Supervisor Compliance Manager
Handheld Tools Vibration Hitachi battery operated grinder	Hand-Arm Vibration Syndrome (HAVS) Vibration White Finger (VWF)	3	2	6	<ul style="list-style-type: none"> Vibration levels of this unit type are usually below 3.5M/s² and therefore do not normally represent a risk to the user. Time to reach Exposure Action Value (EAV) = Unlimited Eliminate risk by ensuring regular PAT tests are done and only competent personnel should be allowed to operate equipment. 	3	1	3	HSQE Team Depot Manager Workshop Manager and Supervisor Compliance Manager

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Risk Assessment Prepared By: Paul Lynch **Signature:** **Date:** 31/01/2026

Risk Assessment Reviewed By: Daniela Rizvan **Signature:** **Date:** 31/01/2026

