

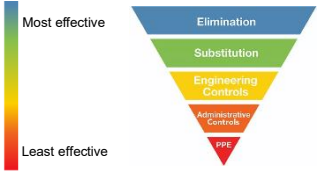
Project:	Workshop/Yard Operations	RA No:	13	Review Date
Operation / Task:	Supply and Use of Power Tools	Persons at risk:	Employees	31/01/2027
Location / Area:	All Depots	Public at risk:	No	
Monitoring Responsibility:	Depot Manager, Workshop Manager, Workshop Foreman, Operatives and Supervisors, HSQE Team			

KEY

S = Severity Rating

L = Likelihood of Occurrence

RR = Risk Rating



1. Negligible	1. Improbable	5	5	10	15	20	25	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.
2. Minor Injury	2. Remote 1 – 10%	4	4	8	12	16	20	
3. Major Injury (RIDDOR)	3. Possible 10 – 50%	3	3	6	9	12	15	
4. Fatality	4. Probable 50 – 90%	2	2	4	6	8	10	
5. Multiple Fatality	5. Almost certain 90%+	1	1	2	3	4	5	

Severity

Likelihood

Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
Use of mechanical, battery and electrical power tools.	Cuts, abrasions, flying debris, contact with moving parts	4	4	16	<ul style="list-style-type: none"> Only competent personnel may operate power tools. All guards and intrinsic safety devices on tools are to be fitted, correctly adjusted and serviceable during use. Pre-use visual inspection for damage, cracks, loose components, missing guards. Defective guards or tools must be withdrawn / quarantined immediately and reported to the line manager. Tools used only for their intended purpose and in accordance with manufacturer instructions. Secure workpieces using clamps or vices. Maintain two-handed grip where designed. No loose clothing to be worn. Maintain safe distances from rotating components. Tools must be isolated and allowed to come to a complete stop before being set down or adjusted. 	4	2	8	Workshop Manager, Workshop Foreman, Operatives
	Electrocution	4	2	8	<ul style="list-style-type: none"> All electrical tools to be PAT tested periodically. Use RCD-protected power supply for corded tools or 110v transformers where possible. Keep cables away from water, heat, sharp edges. Defects must be reported to the line manager and tool quarantined. 	4	1	4	Workshop Manager, Workshop Foreman, Operatives Depot Manager
	Eye Injuries from debris	4	3	12	<ul style="list-style-type: none"> Mandatory use of EN166-rated safety glasses. Use screens or barriers where high-energy debris is possible. Ensure guards fully cover the rotational plane. 	4	1	4	Workshop Manager, Workshop Foreman, Operatives

Owner: Head of HSQE	Version: 3	LF263
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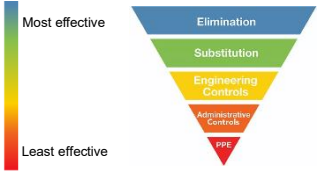
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Severity	5	4	3	2	1
5	5	10	15	20	25
4	4	8	12	16	20
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Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
Use of mechanical and electrical power tools.	Hand & Arm Strain Injuries	3	2	6	<ul style="list-style-type: none"> Avoid awkward postures; reposition work where possible. Rotate tasks to reduce repetitive strain. Use mechanical supports or benches to reduce manual load. 	3	1	3	Workshop Manager, Workshop Foreman, Operatives
	Fire / Explosion	4	3	12	<ul style="list-style-type: none"> Keep flammable materials away from sparks. Inspect batteries for swelling, heat or damage. Store batteries away from heat sources. All hot works to be undertaken in line with RA 08 and SSOW 03. 	4	2	8	Workshop Manager, Workshop Foreman, Operatives
	Noise-Induced Hearing Damage	3	3	9	<ul style="list-style-type: none"> Mandatory hearing protection to be worn where noise exceeds 85db (SSOW 07). Use low-noise tools where possible. Limit exposure duration. Health surveillance (audiometric tests undertaken periodically). 	3	1	3	Workshop Manager, Workshop Foreman, Operatives, HSQE team
	Vibration-Related Injuries (HAVS, VWF)	4	3	12	<ul style="list-style-type: none"> HAVS Ready Reckoner available and briefed to all personnel. Select low-vibration tools and accessories where practicable. Monitor daily trigger time for high-vibration tools. See RA 40 for additional information on tools EAV / ELV. Maintain tools in good working order to minimise vibration. Keep hands warm and dry; avoid excessive grip force. Rotate tasks to reduce exposure. HAVS health surveillance provided to all personnel working with handheld power tools. 	4	1	4	Workshop Manager, Workshop Foreman, Operatives, HSQE team

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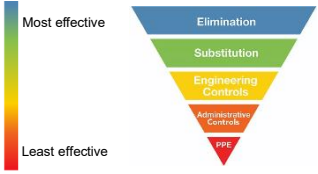
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Use of mechanical and electrical power tools	Incorrect fitting or use of abrasive wheels	4	3	12	<ul style="list-style-type: none"> Only authorised personnel may inspect or change abrasive wheels. Conduct ring tests on vitrified wheels. Ensure correct speed rating and compatibility. The maximum operating speed (RPM) of the tool must never exceed the maximum operating speed marked on the wheel. Allow wheel to reach full speed before contacting material. Also see RA01 – Abrasive Wheels. 	4	2	8	Workshop Manager, Workshop Foreman, Operatives
	Use of Defective or Poorly Maintained Tools	3	3	9	<ul style="list-style-type: none"> Tools must be inspected before use, quarantined if defective and reported to the line manager. Tools must be maintained in accordance with POWER and manufacturer instructions. Tools and accessories must be stored securely to prevent damage. 	3	1	3	Workshop Manager, Workshop Foreman, Operatives
	Exposure to hazardous dusts; Respiratory irritation, asthma, dermatitis, long-term lung damage.	4	3	12	<ul style="list-style-type: none"> COSHH awareness training. Relevant COSHH assessments for paints, fillers, resins, wood dust, etc. available. Damping down or wet-cutting where compatible with the tool and material. Mandatory RPE where task generates dust (FFP3). Avoid tasks in enclosed spaces without adequate ventilation. Health surveillance programme in place (Dermatitis, lung function). 	4	1	4	Workshop Manager, Workshop Foreman, Operatives, HSQE team

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Risk Assessment Prepared By:

Daniela Rizvan

Signature:

Date:

12/03/2026

Risk Assessment Reviewed By:

Paul Lynch

Signature:

Date:

12/03/2026

