

Project:	Machine Control – Lynch Depots, Customer Sites	RA No:	49	Review Date
Operation / Task:	Machine Control use of Hand Tools	Persons at risk:	Fitters	31/01/2027
Location / Area:	Lynch Depots/Customer Sites/Public Highway	Public at risk:	No	
Monitoring Responsibility:	Installation Engineers, Depot Manager, Workshop Manager, Workshop Foreman, Operatives and Supervisors, HSQE Team			

KEY

S = Severity Rating

L = Likelihood of Occurrence

RR = Risk Rating

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.
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

Severity

Likelihood

Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
Use of Mechanical hand tools.	Hand arm vibration Installation Engineer, Sub-contractor	4	4	16	<u>Hierarchy of control</u> (eliminate, reduce, isolate, control, PPE, discipline). <ul style="list-style-type: none"> The use of vibrating tools will be eliminated where possible by selection of alternative means. Exposure to vibration will be reduced by appropriate tool selection. All handheld tools are to be very visually inspected before use and recorded on a report on a weekly basis. The use of vibrating handheld equipment will be in accordance with manufacturer's instructions and good working practices. Rotation of task duties Keep hands warm and dry. Minimise smoking. Wear dry gloves. Tool familiarisation training. Follow recommended working techniques. 	4	2	8	Installation Engineers Depot Manager. Workshop Manager Workshop Foreman HSQE Team
Use of mechanical hand tools	Occupational Noise Employees sub-contractors Installation Engineer Sub-Contractors visitors	4	4	16	<ul style="list-style-type: none"> All personnel using portable hand tools shall undergo health surveillance. Hearing protection equipment must be worn i.e., ear defenders, in ear plugs. ≥ 80 db(A) hearing protection is recommended. ≥ 85 db(A) hearing protection is mandatory. Mandatory hearing protection zones will be demarcated via barriers and warning signage. Hearing protection will be readily available at work location (SNR 35 rated ear protection) 	4	2	8	Installation Engineers Depot Manager. Workshop Manager Workshop Foreman HSQE Team

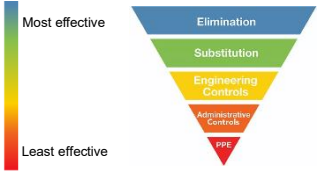
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1. Negligible	1. Improbable	<table border="1"> <tr> <td>Severity</td> <td>5</td> <td>10</td> <td>15</td> <td>20</td> <td>25</td> <td rowspan="5"> R Unacceptable risk, plan out or add further controls. O Acceptable only if no other method viable & with high level controls in place. Y Acceptable with suitable controls. G Acceptable, no further action required. </td> </tr> <tr> <td>4</td> <td>4</td> <td>8</td> <td>12</td> <td>16</td> <td>20</td> </tr> <tr> <td>3</td> <td>3</td> <td>6</td> <td>9</td> <td>12</td> <td>15</td> </tr> <tr> <td>2</td> <td>2</td> <td>4</td> <td>6</td> <td>8</td> <td>10</td> </tr> <tr> <td>1</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>Likelihood</td> </tr> </table>	Severity	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.	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
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2. Minor Injury	2. Remote 1 – 10%																																								
3. Major Injury (RIDDOR)	3. Possible 10 – 50%																																								
4. Fatality	4. Probable 50 – 90%																																								
5. Multiple Fatality	5. Almost certain 90%+																																								

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		S	L	RR		S	L	RR	
					<ul style="list-style-type: none"> Noise exposure to adjacent activities is to be reduced by distance. 				
Use of Mechanical hand tools.	Contact with, moving parts, flying debris, electrocution. Installation Engineer Sub-contractor visitor	4	4	16	<ul style="list-style-type: none"> All defective equipment is to be reported to a supervisor and quarantined to prevent further use. Guards must be in place. Cables must be in good condition. Batteries must be in good condition. Tools must be PAT tested and deemed fit for purpose. Tools must be suitably maintained and stored. Appropriate eye protection must be worn i.e., impact resistant goggles where materials may be ejected. Only trained and competent personnel are to use handheld tools. Tools must be used in accordance with manufacturer's instructions. Tool pinch points will be identified. Suitable tools will be selected specific to tasks. Correct task specific PPE will be worn at all times. 	4	3	12	Installation Engineers Depot Manager. Workshop Manager Workshop Foreman HSQE Team
Electrical installation/maintenance	Electrocution Installation engineer sub-contractor visitor	4	4	16	<ul style="list-style-type: none"> Machines will be isolated, and battery disconnected prior to starting work. Electrical work will only be carried out by personnel trained in the installation of machine control equipment. 	4	3	12	Installation Engineers Depot Manager. Workshop Manager Workshop Foreman HSQE Team

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Most effective
Least effective

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		S	L	RR		S	L	RR	
Hot Works, Welding	Fire Burns Installation Engineers Sub-Contractor	4	4	16	<ul style="list-style-type: none"> Ensure hot works permit has been issued, briefed and up to date (welding only) Inspect fire extinguishers weekly and record on an SF1001. Ensure available fire extinguishers are compatible with fire hazards and risks. Store fire extinguishers under cover. Charge batteries away from combustible materials. Switch charging equipment of when unattended. Equipment to be turned off and allowed to cool down before re-use. 	2	3	6	Installation Engineers Depot Manager. Workshop Manager Workshop Foreman HSQE Team

Risk Assessment Prepared By:

Paul Lynch

Signature:

Date:

31/01/2026

Risk Assessment Reviewed By:

Daniela Rizvan

Signature:

Date:

31/01/2026



Owner: Head of HSQE

Version: 3

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Internal Use

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