

<b>Project:</b>	Machine Control Installation – Lynch Depots, Construction Sites	<b>RA No:</b>	48	<b>Review Date</b>  31/01/2027
<b>Operation / Task:</b>	Machine Control Installation	<b>Persons at risk:</b>	Technician	
<b>Location / Area:</b>	Lynch Depots/Customers Sites/Public Highway	<b>Public at risk:</b>	No	
<b>Monitoring Responsibility:</b>	HSQE Team, Supervisor, Manager			

**KEY**

Most effective  
Least effective

**S = Severity Rating**

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

**L = Likelihood of Occurrence**

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

**RR = Risk Rating**

Severity	5	4	3	2	1
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Activity	Hazards/Risks Identified	Risk Rating			Control Measures	Residual Risk			Responsibility
		S	L	RR		S	L	RR	
Working at height	Dropped objects	3	4	12	<ul style="list-style-type: none"> <li>All hand help tools will be tethered via a wrist or tool belt when working at height or within 4m of a leading edge regardless of edge protection.</li> <li>Exclusion zones will be established below activities that are taking place at height where the risk of falling objects cannot be completely eliminated.</li> <li>All materials must be secured when stored at height:                             <ul style="list-style-type: none"> <li>Weighed down</li> <li>Brick guards.</li> <li>Netting.</li> <li>Toe boards.</li> </ul> </li> </ul>	3	2	6	HSQE Team Installation Engineers Supervisor Forman
Working at height	Falling from height Installation engineer sub-contractor	5	4	20	<p><u>Hierarchy of control</u> (eliminate, reduce, isolate, control, PPE, discipline)</p> <p>Where possible, working at height will be eliminated or reduced as far as is reasonably practicable:</p> <ul style="list-style-type: none"> <li>Collective edge protection</li> <li>Mobile elevated work platforms (proprietary access equipment).</li> <li>Personal protective equipment pending task requirement e.g., harness equipped with a restraint lanyard (MEWP operators or passengers) or fall arrest lanyard (scaffolders)</li> <li>A rescue plan must be established before working at height activities commence.</li> </ul>	3	2	6	HSQE Team Installation Engineers Supervisor Forman
Working at height.	Use of MEWP's Installation Engineer	5	3	15	<ul style="list-style-type: none"> <li>All operators will hold a valid IPAF training competency for the MEWP in use.</li> <li>Exclusion zones will be established at all times around MEWP operations.</li> <li>Plant will be selected in accordance with terrain, environment and task.</li> </ul>	5	2	10	HSQE Team Installation Engineers Supervisor

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	Sub-contractors				<ul style="list-style-type: none"> <li>Ground conditions will be assessed prior to work commencement.</li> <li>MEWP's are to be used in accordance with manufactures instructions.</li> <li>All personnel in basket are to wear restraint lanyard at all times and be connected to a designated anchor point within basket. All persons within basket must be harness aware trained.</li> <li>Rescue plan is to be established prior to work commencement with MEWP.</li> </ul>				Forman
Working at height.	Use of MEWP's Installation Engineer Sub-contractors	5	3	15	<ul style="list-style-type: none"> <li>Plant will be inspected prior to use and recorded on a PC08 MEWP check sheet.</li> <li>MEWP's will be accompanied with a valid 6 monthly thorough examination certificate:               <ul style="list-style-type: none"> <li>Lift Plan</li> <li>6 monthly thorough examination certificates.</li> <li>Operator manuals.</li> <li>No lone working at times when operating MEWP's.</li> </ul> </li> <li>Stop Nocs to be used when working near vertical faces.</li> <li>Tools and equipment in basket are to be secured or tethered.</li> <li>Where there is a risk of entrapment, anti-entrapment devices or controls must be implemented.</li> <li>Overhead services must be considered when planning operations.</li> </ul>	5	2	10	HSQE Team Installation Engineers Supervisor Forman
Working at height	Use of harness Suspension in a harness	4	4	16	<ul style="list-style-type: none"> <li>All persons required to wear harness will undergo harness awareness training.</li> <li>All harnesses will be accompanied by 6 monthly thorough examination certification and will identified with the current lifting accessory colour coding.</li> </ul>	4	2	8	HSQE Team Installation Engineers Supervisor

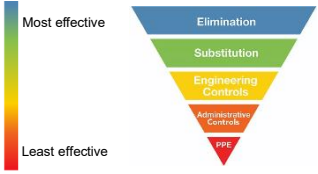
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	Installation Engineer Sub- contractor				<ul style="list-style-type: none"> <li>All harness use is subject to permit and will be assessed by completing a harness permit.</li> <li>All harnesses will be suitably stored and visually examined before use and the inspection recorded on relevant form and record of detailed inspection of the fall arrest equipment.</li> <li>A rescue plan will be produced to detail a safe system for the retrieval of persons suspended in harness by a fall arrest lanyard (scaffolders)</li> <li><b>Gotcha rescue kit from rescue equipment store.</b></li> </ul>				Forman
Plant Segregation	Struck by moving vehicle. Installation Engineer sub-contractor visitor	4	4	16	<ul style="list-style-type: none"> <li>The traffic management plan (TMP) will be displayed on notice boards and be communicated to all site personnel.</li> <li>A site wide TMP will be updated weekly and communicated to site personnel.</li> <li>All vehicles will adhere to the speed limits in the heavy plant traffic management procedure.</li> <li>Designated pedestrian walking routes will be established from welfare areas.</li> <li>Signage warning pedestrian of plant movement will be displayed at haul route crossing points.</li> <li>Hall routes will display signage warning plant operations of pedestrian movements.</li> <li>Long sleeved highways standard PPE will be worn at all times.</li> <li>Pedestrian crossings will be provided with adequate lighting.</li> </ul>	4	3	12	HSQE Team Installation Engineers Supervisor Forman

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Plant Segregation	Struck by moving vehicle.  Installation Engineer  sub-contractor  visitor	4	4	16	<ul style="list-style-type: none"> <li>Physical barriers will separate walking routes from haul routes and vehicular access routes (correct for task and location)</li> <li>Plant must be operated by trained and competent individuals (CPCS)</li> <li>All vehicles will be fitted with white noise reversing indicators.</li> <li>Flashing beacons will be maintained.</li> <li>Variable speed limits are identified on green and amber routes by signage.</li> <li>Mobile phone or radio use while driving is forbidden.</li> <li>Restriction and exclusion zones will be designated by signage or barriers where possible.</li> <li>Vehicle access routes will be maintained.</li> <li>Designated parking areas will be provided and segregated by appropriate barriers.</li> <li>Only reverse parking is permitted use 'thumbs up' when communicating with plant operators.</li> </ul>	4	3	12	HSQE Team Installation Engineers Supervisor Forman
Access & Egress	Slips, trips and falls.  Installation Engineer  Sub-contractor	3	4	12	<ul style="list-style-type: none"> <li>Safe means of access/egress will be established prior to work commencement.</li> <li>Routes will be clear from obstruction or trip hazards at all times.</li> <li>Adequate lighting will be established along walking routes.</li> <li>Tools, materials and equipment will be stored away from walkways.</li> <li>Ground conditions will be assessed and made suitable for pedestrian movements; loose rocks or materials will be removed to mitigate slip, trip or fall hazards.</li> <li>Proprietary access systems with handrails will be established over dewatering equipment.</li> </ul>	3	2	6	HSQE Team Installation Engineers Supervisor Forman

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					<ul style="list-style-type: none"> <li>The use of wooden construction steps or bridges is not permitted under any circumstances.</li> <li>Good housekeeping will be maintained.</li> <li>Conduct a POWRA exercise at each location to consider local hazards and risks.</li> </ul>				

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

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

