

**Date:** 01.07.2024

**Revision:** 1

**Name:** Risk Assessments

**Authorised by** Managing Director



**CM Builders**

**CM Building and Landscaping LTD**

**Risk Assessments**











**INSERT ADDRESS**

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


## Risk Assessment Topsoil

<b>Address</b>	<b>INSERT ADDRESS</b>																																									
<b>Work activity</b>	<b>Top soil strip and management</b>																																									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																			
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																			
<b>Hazards identified</b>																																										
<input checked="" type="checkbox"/> Failure to provide adequate supervision <input checked="" type="checkbox"/> Operatives not following site rules and procedures <input checked="" type="checkbox"/> Unauthorised persons in the work area <input checked="" type="checkbox"/> Silt contamination to watercourses					<input checked="" type="checkbox"/> Noise, dust, flying particles <input checked="" type="checkbox"/> Mechanical failure, overturning <input checked="" type="checkbox"/> Falling materials / falling persons <input checked="" type="checkbox"/> Operators thrown from plant																																					
<b>Calculation of risk</b>																																										
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td style="text-align: center;">3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td style="text-align: center;">2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td style="text-align: center;">1</td><td style="background-color: green;">1</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">3</td></tr> <tr><td></td><td style="text-align: center;">1</td><td style="text-align: center;">2</td><td style="text-align: center;">3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required																	
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<b>Protective equipment / Systems</b>																																										
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																
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

## Risk Assessment Public Road Drainage

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<b>Work activity</b>	<b>Public Road Drainage</b>																																								
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																		
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																		
<b>Hazards identified</b>																																									
<input checked="" type="checkbox"/> Working in a confined space. <input checked="" type="checkbox"/> Breathing in toxic gases. <input checked="" type="checkbox"/> Falls from height <input checked="" type="checkbox"/> Struck by other vehicles				<input checked="" type="checkbox"/> Being struck by falling objects <input checked="" type="checkbox"/> Drowning <input checked="" type="checkbox"/> Weil's disease. <input checked="" type="checkbox"/> Manual Handling																																					
<b>Calculation of risk</b>																																									
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<b>Control measures to be implemented</b>																																									
<input checked="" type="checkbox"/> Manhole void will be tested by a competent person to ensure that no gases are present. <input checked="" type="checkbox"/> Operatives will be trained to work safely in confined spaces. (Separate method statement) <input checked="" type="checkbox"/> Ensure that the manhole is well ventilated before proceeding. <input checked="" type="checkbox"/> Chapter 8 barriers and drainage and traffic control to be in place <input checked="" type="checkbox"/> Handrails to be in place if risk of fall <input checked="" type="checkbox"/> Services will be located by use of drawings, scan with a CAT and locate by hand digging <input checked="" type="checkbox"/> Manual handling to be planned and operatives trained				<input checked="" type="checkbox"/> Manhole access tripod, winch and rope will be provided if required. <input checked="" type="checkbox"/> Pump out any water <input checked="" type="checkbox"/> Use a gas monitor to check air quality <input checked="" type="checkbox"/> Operatives will be informed of the need to practice good personal hygiene. <input checked="" type="checkbox"/> Personal protective equipment will be supplied and used. <input checked="" type="checkbox"/> Spoil and loose objects will be kept clear of the edges. <input checked="" type="checkbox"/> Adequate supervision will be provided at all times. <input checked="" type="checkbox"/> When work has finished all debris will be removed and the manhole cover replaced and the fencing and signage removed. <input checked="" type="checkbox"/> Plan lifting of pipes, use machine if possible																																					
<b>Protective equipment / Systems</b>																																									
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																															
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## Risk Assessment Locating Underground Services

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<b>Work activity</b>	<b>Locating underground services</b>																																												
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																						
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																						
<b>Hazards identified</b>																																													
<input checked="" type="checkbox"/> Electricity <input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> Water					<input checked="" type="checkbox"/> Communication <input checked="" type="checkbox"/> High pressure gases and liquids <input checked="" type="checkbox"/> Fibre <input checked="" type="checkbox"/> Struck by vehicles																																								
<b>Calculation of risk</b>																																													
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<b>Protective equipment / Systems</b>																																													
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																			
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## Risk Assessment Working Near Overhead Cables











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<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																		
<b>Hazards identified</b>																																									
<input checked="" type="checkbox"/> Electrocution of operatives or other persons. <input checked="" type="checkbox"/> Damage or misuse of supply. <input checked="" type="checkbox"/> Arcing or contact with overhead cables by transport or equipment																																									
<b>Calculation of risk</b>																																									
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<b>Control measures to be implemented</b>																																									
<input checked="" type="checkbox"/> Where overhead power lines are likely to cause danger, the electricity distributor who owns the lines shall always be contacted to calculate the safe working distances – these will depend on voltage, maximum sag and lateral swing (also see HSE Guidance Note GS6). <input checked="" type="checkbox"/> If required to work under or near overhead power lines a method statement and permit to work system shall be implemented. <input checked="" type="checkbox"/> A competent person will supervise all work adjacent to overhead or underground electrical supplies.					<input checked="" type="checkbox"/> Banksman will be used to direct all vehicles that have to work near overhead cables <input checked="" type="checkbox"/> If contact with overhead cable is made by machine or vehicle, operator to remain in cab. Contact utility company to isolate <input checked="" type="checkbox"/> No operatives to come within 10m of a vehicle that is in contact with overhead cable <input checked="" type="checkbox"/> Erect goal posts and barriers to prevent accidental contact with the cables																																				
<b>Protective equipment / Systems</b>																																									
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																															
<b>Required</b>			✓				✓	✓		✓																															
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<b>Completed by:</b>		<b>Sean Toomey CertIOSH MCIOB</b>					<b>Date:</b>		<b>01/07/2024</b>																																
<b>Read and understood by:</b>							<b>Date:</b>																																		

## Risk Assessment Working at Height











<b>Address</b>	<b>INSERT ADDRESS</b>																																									
<b>Work activity</b>	<b>Working at Height - Trenches</b>																																									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																			
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																			
<b>Hazards identified</b>																																										
<input checked="" type="checkbox"/> Falls from height <input checked="" type="checkbox"/> Serious injury or even fatal injury could occur if a worker falls.				<input checked="" type="checkbox"/> Materials falling from height <input checked="" type="checkbox"/> Serious head and other injuries to workers, others on site and members of the public.																																						
<b>Calculation of risk</b>																																										
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death		<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable		<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: red;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: red;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: yellow;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required																			
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<b>Control measures to be implemented</b>																																										
<input checked="" type="checkbox"/> Edge protection will be provided where a person is at risk of falling a distance, which is liable to cause personal injury. <input checked="" type="checkbox"/> A suitable physical barrier will be in place to prevent plant or vehicles over running any edge or opening. <input checked="" type="checkbox"/> Suitable and sufficient barriers shall be used to fully enclose excavation work, which takes place in footways. <input checked="" type="checkbox"/> Adequate precautions, as necessary, will be taken to prevent approach at ground level eg danger area barriered off and warning signs displayed.				<input checked="" type="checkbox"/> No lifting or placing materials when operatives are in the excavation																																						
<b>Protective equipment / Systems</b>																																										
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																
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

## Risk Assessment Road Works

<b>Address</b>	<b>INSERT ADDRESS</b>																																		
<b>Work activity</b>	<b>Road Works</b>																																		
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																												
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																												
<b>Hazards identified</b>																																			
<input checked="" type="checkbox"/> Contact with traffic and site vehicles <input checked="" type="checkbox"/> Codes of Practice / Regulations not followed <input checked="" type="checkbox"/> Contact with electrical supply cables <input checked="" type="checkbox"/> Contact with gas supply <input checked="" type="checkbox"/> Slips, trips and falls on excavated materials				<input checked="" type="checkbox"/> Not enough signage, cones or lamps <input checked="" type="checkbox"/> Inadequate safety zones <input checked="" type="checkbox"/> Diversion of pedestrians into the roadway <input checked="" type="checkbox"/> Unattended excavations <input checked="" type="checkbox"/> No protection for the public and children <input checked="" type="checkbox"/> Undermining or contact with services <input checked="" type="checkbox"/> Signs, barriers and cones left after work is finished																															
<b>Calculation of risk</b>																																			
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death		<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable		<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: yellow;">1</td><td style="background-color: orange;">2</td><td style="background-color: red;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> <p><b>Example;</b> If S = 2 and L = 3 2 x 3 = 6 = Red, high risk</p> <p>Adequate control measures are required</p>					3	3	6	9	2	2	4	6	1	1	2	3		1	2	3											
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<b>Control measures to be implemented</b>																																			
<input checked="" type="checkbox"/> All persons conducting the works have been trained in the New Roads and Street Works Act. <input checked="" type="checkbox"/> Local authorities have been notified and local services identified. Information board displayed <input checked="" type="checkbox"/> CAT scans to be performed by trained personnel <input checked="" type="checkbox"/> All materials excavated stored in a safe area and cleared away as soon as practicable <input checked="" type="checkbox"/> High-vis jackets or waistcoats to be worn at all times <input checked="" type="checkbox"/> Enough signs, cones and lamps conforming to British Standards are placed and secured.				<input checked="" type="checkbox"/> The working space and safety zone are big enough to allow movement of people and machinery <input checked="" type="checkbox"/> A 1.5 metres coned footpath for pedestrians is provided if necessary <input checked="" type="checkbox"/> Unattended excavations will be covered with road plates or backfilled to allow residents access to driveways <input checked="" type="checkbox"/> All excavations are fenced and guarded <input checked="" type="checkbox"/> Extra care will be taken near to dwellings so as not to undermine the footings <input checked="" type="checkbox"/> All signs, notices, barriers and cones removed at the end of the works																															
<b>Protective equipment / Systems</b>																																			
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																									
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


## Risk Assessment Manual Handling

<b>Address</b>	<b>INSERT ADDRESS</b>																																								
<b>Work activity</b>	<b>Manual Handling</b>																																								
<b>Persons at risk</b>	Employee	✓	General public		Others		Client personnel																																		
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																		
<b>Hazards identified</b>																																									
<input checked="" type="checkbox"/> Musculoskeletal injury. <input checked="" type="checkbox"/> Cuts and abrasions. <input checked="" type="checkbox"/> Dropping of load causing injury/damage.																																									
<b>Calculation of risk</b>																																									
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>		3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required																	
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<b>Control measures to be implemented</b>																																									
<input checked="" type="checkbox"/> No person may be required to manually handle a load unless supervisors are satisfied that they are suitably fit, willing and able to do so. <input checked="" type="checkbox"/> Loads shall be positioned mechanically, as close as possible to its final position, to reduce the distance for manual handling. <input checked="" type="checkbox"/> Load to be examined to determine its weight, dimensions and contents. <input checked="" type="checkbox"/> Area of lift and route along which the load is to be transported, shall be well lit, with non-slip surface and clear of any slip/trip/fall hazards. <input checked="" type="checkbox"/> Establish whether the load is hot or cold, or if it has any sharp edges or corners. <input checked="" type="checkbox"/> Test to see if the load is likely to fall apart when lifted, or if the contents within the load may be subject to unexpected movements with sudden displacement of the weight.					<input checked="" type="checkbox"/> Operatives will have been trained in the methods of kinetic lifting and handling techniques. <input checked="" type="checkbox"/> Hand-hooks, suckers, or other lifting aids will be employed (specify) where practicable. <input checked="" type="checkbox"/> Consider whether personal protective equipment is required <input checked="" type="checkbox"/> Team lifting will be carried out under the direction of a competent co-ordinator. Team members will be fully fit and of similar abilities. <input checked="" type="checkbox"/> Temporary resting facilities for the load to be designated / constructed. <input checked="" type="checkbox"/> Good handling techniques are essential in the prevention of injury from manual handling operations. The correct method of lifting is to use the strong leg and thigh muscles and to maintain the natural shape of the spine throughout the lift.																																				
<b>Protective equipment / Systems</b>																																									
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																															
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


## Risk Assessment Confined Spaces

<b>Address</b>	<b>INSERT ADDRESS</b>																																								
<b>Work activity</b>	<b>Confined spaces</b>																																								
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																		
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																		
<b>Hazards identified</b>																																									
<input checked="" type="checkbox"/> Working atmosphere toxic, flammable, explosive or deficient in oxygen or hazardous to health. <input checked="" type="checkbox"/> Inrush of liquids, gases or solids.					<input checked="" type="checkbox"/> Drowning. <input checked="" type="checkbox"/> Exposure to disease bearing organisms. <input checked="" type="checkbox"/> Slips trips and falls <input checked="" type="checkbox"/> Musculoskeletal issues																																				
<b>Calculation of risk</b>																																									
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: green;">2</td><td style="background-color: orange;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>		3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required																	
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<b>Control measures to be implemented</b>																																									
<input checked="" type="checkbox"/> Operatives shall be trained and competent in the hazards of operating in confined spaces. <input checked="" type="checkbox"/> Operatives who will or may have to use breathing apparatus must be fit, and not suffering from any chronic or acute respiratory ailment – they must be properly trained in the use of the equipment. <input checked="" type="checkbox"/> The minimum manning level for entry is 2 operatives, 1 top man and 1 entry man. The top man must be in attendance at all times during entry. <input checked="" type="checkbox"/> Atmosphere monitor / gas detector; Rescue harness and lifeline; Rescue winch and tripod (required for vertical rescue "manholes etc." operations); First aid kit (including resuscitation equipment if required by the assessment); Head protection and safety footwear; Escape breathing apparatus (if required by the assessment); Means of raising alarm. <input checked="" type="checkbox"/> Suitable arrangements shall be in place for safe access into and egress from the confined space. <input checked="" type="checkbox"/> Constant vigilance and continuous monitoring must be maintained to guard against the hazards of the atmosphere deteriorating during the working period.					<input checked="" type="checkbox"/> Operatives must be aware of the health risks associated with raw sewage - it is strongly recommended that anyone, whose job brings him into possible contact with sewage, should be inoculated against Tetanus, Poliomyelitis and Hepatitis A. <input checked="" type="checkbox"/> Persons who may be exposed to disease bearing organisms should undergo health surveillance. <input checked="" type="checkbox"/> Internal combustion engines shall not be used inside confined spaces. <input checked="" type="checkbox"/> No smoking, naked flames or spark producing equipment to be used in or close to a manhole. <input checked="" type="checkbox"/> To help in recovery in the event of an emergency, a rescue harness, which ensures that an unconscious man can be lifted in an upright position, should always be worn by men working in confined spaces. <input checked="" type="checkbox"/> The procedure for rescue in an emergency should be set out clearly in the permit-to-work, with specific jobs allocated to individual persons. <input checked="" type="checkbox"/> Work in confined spaces shall only be carried out when weather conditions do not jeopardise the health and safety of persons involved in the work																																				
<b>Protective equipment / Systems</b>																																									
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																															
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<b>Completed by:</b>		Sean Toomey CertIOSH MCI0B				<b>Date:</b>		01/07/2024																																	
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## Risk Assessment Uncovering Unknown Materials

<b>Address</b>	<b>INSERT ADDRESS</b>																																								
<b>Work activity</b>	<b>Uncovering Unknown Materials</b>																																								
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																		
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																		
<b>Hazards identified</b>																																									
<input checked="" type="checkbox"/> Contact with hazardous substances <input checked="" type="checkbox"/> Biological diseases <input checked="" type="checkbox"/> Gas and fumes					<input checked="" type="checkbox"/> Asbestos <input checked="" type="checkbox"/> Lead, arsenic other soil containing materials <input checked="" type="checkbox"/> Waste left on site																																				
<b>Calculation of risk</b>																																									
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: green;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>		3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required																	
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<b>Control measures to be implemented</b>																																									
<input checked="" type="checkbox"/> A supervisor will be in overall charge of the works and will provide adequate information to the operative carrying out the work ensuring that all necessary PPE is worn as per site rules and current legislation. <input checked="" type="checkbox"/> Operatives will work safely and take reasonable care of their own health and safety and that of others who may be affected by their actions ensuring that all equipment is checked and that it is in good condition and safe to use. <input checked="" type="checkbox"/> If unknown substance uncovered, secure area with barriers					<input checked="" type="checkbox"/> Only trained persons are permitted to access area Operatives will wear coveralls and suitable PPE for the substance uncovered <input checked="" type="checkbox"/> Report all findings to site manager <input checked="" type="checkbox"/> Asbestos to be removed by trained and licenced personnel only <input checked="" type="checkbox"/> If contaminated substances need to be stored on site put on a lining to prevent seepage into the existing ground <input checked="" type="checkbox"/> Wrap material and display warning signage																																				
<b>Protective equipment / Systems</b>																																									
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																															
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## Risk Assessment Kerb Laying

<b>Address</b>	<b>INSERT ADDRESS</b>																																									
<b>Work activity</b>	<b>Laying of concrete kerbs</b>																																									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																			
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																			
<b>Hazards identified</b>																																										
<input checked="" type="checkbox"/> Failure to provide adequate supervision <input checked="" type="checkbox"/> Operatives not following site rules and procedures <input checked="" type="checkbox"/> Unauthorised persons in the work area				<input checked="" type="checkbox"/> Manual handling <input checked="" type="checkbox"/> Noise, dust, flying particles <input checked="" type="checkbox"/> Slips, trips and falls. <input checked="" type="checkbox"/> Waste left on site																																						
<b>Calculation of risk</b>																																										
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death		<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable		<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: green;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required																			
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<b>Protective equipment / Systems</b>																																										
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																
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## Risk Assessment Excavating General

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<b>Work activity</b>	<b>Excavating General</b>																																									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																			
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																			
<b>Hazards identified</b>				<input checked="" type="checkbox"/> Undermining nearby structures. <input checked="" type="checkbox"/> Contact with underground services. <input checked="" type="checkbox"/> Access to the excavation. <input checked="" type="checkbox"/> Contaminated ground fumes and gases. <input checked="" type="checkbox"/> Accidents to members of the public																																						
<input checked="" type="checkbox"/> Collapse of unsupported excavations. <input checked="" type="checkbox"/> Materials falling onto people working in the excavation. <input checked="" type="checkbox"/> People and vehicles falling into the excavation. <input checked="" type="checkbox"/> People being struck by plant.																																										
<b>Calculation of risk</b>																																										
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<b>Control measures to be implemented</b>				<input checked="" type="checkbox"/> Any excavation used as a place of work must be inspected: at the start of each shift before work begins; after any event likely to have affected the strength or stability of the excavation; and after any accidental fall of rock, earth or other material. A written report should be made after most inspections. <input checked="" type="checkbox"/> Proper ladder or other access will be put in place <input checked="" type="checkbox"/> Precautions will be taken to ensure that excavations do not affect the footings of scaffolds or the foundations of nearby structures. Walls may have very shallow foundations that can be undermined by even small trenches. <input checked="" type="checkbox"/> Competent and authorised operators shall use excavators and other plant. <input checked="" type="checkbox"/> A detailed survey and method statement will be required to control works in contaminated ground.																																						
<b>Protective equipment / Systems</b>																																										
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																
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<b>Read and understood by:</b>						<b>Date:</b>																																				

## Risk Assessment Site Drainage











<b>Address</b>	<b>INSERT ADDRESS</b>																								
<b>Work activity</b>	<b>Site drainage</b>																								
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																		
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																		
<b>Hazards identified</b>																									
<input checked="" type="checkbox"/> Working in a confined space. <input checked="" type="checkbox"/> Breathing in toxic gases. <input checked="" type="checkbox"/> Working at height <input checked="" type="checkbox"/> Trips slips and falls				<input checked="" type="checkbox"/> Being struck by falling objects. <input checked="" type="checkbox"/> Weil's disease. <input checked="" type="checkbox"/> Manual handling																					
<b>Calculation of risk</b>																									
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death		<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable		<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: red;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: yellow;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: green;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required		
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<b>Control measures to be implemented</b>																									
<input checked="" type="checkbox"/> Area of work to be cordoned off <input checked="" type="checkbox"/> Operatives will be trained to work safely in confined spaces. (Separate method statement) <input checked="" type="checkbox"/> Ensure that the manhole is well ventilated before accessing <input checked="" type="checkbox"/> All excavations to be battered or supported with trench boxes <input checked="" type="checkbox"/> Suitable access to trench put in place				<input checked="" type="checkbox"/> Materials to be mechanically moved if possible to location of work <input checked="" type="checkbox"/> Operatives to be trained in manual handling <input checked="" type="checkbox"/> Operatives will be informed of the need to practice good personal hygiene. <input checked="" type="checkbox"/> Personal protective equipment will be supplied and used. <input checked="" type="checkbox"/> Spoil and loose objects will be kept clear of the trench edges. <input checked="" type="checkbox"/> Adequate supervision will be provided at all times. <input checked="" type="checkbox"/> When work has finished all debris will be removed and the manhole cover replaced and the fencing and signage removed.																					
<b>Protective equipment / Systems</b>																									
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>															
<b>Required</b>			✓				✓	✓		✓															
<b>Symbol</b>																									
<b>Notes and additional information</b>																									
<b>Completed by:</b>		Sean Toomey CertIOSH MCI0B				<b>Date:</b>		01/07/2024																	
<b>Read and understood by:</b>						<b>Date:</b>																			

## Risk Assessment Bucket Changing











Address	<b>INSERT ADDRESS</b>																								
Work activity	<b>Bucket Changing</b>																								
Persons at risk	Employee	✓	General public	✓	Others	✓	Client personnel																		
Supporting requirements	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																		
<b>Hazards identified</b>																									
<input checked="" type="checkbox"/> Falling Objects <input checked="" type="checkbox"/> Contact with machines				<input checked="" type="checkbox"/> B <input checked="" type="checkbox"/>																					
<b>Calculation of risk</b>																									
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death		<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable		<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: yellow;">1</td><td style="background-color: orange;">2</td><td style="background-color: red;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 = \text{Red, high risk}$  Adequate control measures are required		
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<b>Control measures to be implemented</b>																									
<input checked="" type="checkbox"/> All operatives will wear helmets, hi-visibility jackets, safety footwear and suitable clothing at all times. They will be site inducted and inducted in this method statement and a record kept that they have received training. <input checked="" type="checkbox"/> All machines will have been certified within the last twelve months <input checked="" type="checkbox"/> All plant will be checked prior to use by a competent person <input checked="" type="checkbox"/> All drivers to have been trained and assessed, copy of certificates available for inspection, including separate quick hitch training. (N.B. Q.H. not included in CPCS training)				<input checked="" type="checkbox"/> Buckets will be carried either by the machine or in skip of a dumper, using chains <input checked="" type="checkbox"/> All personnel to avoid area when machines travelling through site. No one to walk next to tracking excavator. <input checked="" type="checkbox"/> When buckets placed at suitable location, area to be fenced using Heras or other approved panels. <input checked="" type="checkbox"/> If quick hitch change, no person to enter area of buckets until machine has completed changeover <input checked="" type="checkbox"/> If bucket and pins have to be changed manually, labourer and driver to work as a team, using verbal communication or recognised hand signals. If eye contact is lost by the driver, he is to immediately stop work until both parties know what each other are doing. <input checked="" type="checkbox"/> Driver to ensure that bucket has been checked and is secure prior to use.																					
<b>Protective equipment / Systems</b>																									
Type	Overalls	Permit	Gloves	Face mask	Harness	Hearing	High vis	Head	Eye	Feet															
Required			✓				✓	✓		✓															
Symbol																									
<b>Notes and additional information</b>																									
Completed by:		Sean Toomey CertIOSH MCIQB				Date:		01/07/2024																	
Read and understood by:						Date:																			













## Risk Assessment Drainage Connection to Live Sewer

<b>Address</b>	<b>INSERT ADDRESS</b>																																									
<b>Work activity</b>	<b>Connection to existing sewer</b>																																									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																			
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																			
<b>Hazards identified</b>				<input checked="" type="checkbox"/> Being struck by falling objects. <input checked="" type="checkbox"/> Weil's disease. <input checked="" type="checkbox"/> Manhole cover not guarded																																						
<b>Calculation of risk</b>																																										
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death		<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable		<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #ffff00;">3</td><td style="background-color: #ffff00;">6</td><td style="background-color: #ff0000;">9</td></tr> <tr><td>2</td><td style="background-color: #ffff00;">2</td><td style="background-color: #ffff00;">4</td><td style="background-color: #ff0000;">6</td></tr> <tr><td>1</td><td style="background-color: #00ff00;">1</td><td style="background-color: #00ff00;">2</td><td style="background-color: #ffff00;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 $2 \times 3 = 6 = \text{Red, high risk}$  Adequate control measures are required																			
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<b>Control measures to be implemented</b>				<input checked="" type="checkbox"/> Safety equipment will be provided if required. <input checked="" type="checkbox"/> Operatives will be informed of the need to practice good personal hygiene. <input checked="" type="checkbox"/> Personal protective equipment will be supplied and used. <input checked="" type="checkbox"/> Gloves to be worn <input checked="" type="checkbox"/> Spoil and loose objects will be kept clear of the manhole. <input checked="" type="checkbox"/> Adequate supervision will be provided at all times. <input checked="" type="checkbox"/> When work has finished all debris will be removed and the manhole cover replaced and the fencing and signage removed.																																						
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<b>Read and understood by:</b>						<b>Date:</b>																																				

## Risk Assessment Kerb Cutting

<b>Address</b>	<b>INSERT ADDRESS</b>																																									
<b>Work activity</b>	<b>Kerb Cutting</b>																																									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel	✓																																		
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment	✓	PPE	✓	Permit to work																																			
<b>Hazards identified</b>				<input checked="" type="checkbox"/> Vibration <input checked="" type="checkbox"/> Falling objects <input checked="" type="checkbox"/> Flying Objects																																						
<input checked="" type="checkbox"/> Cuts from abrasive wheel <input checked="" type="checkbox"/> Manual handling <input checked="" type="checkbox"/> Dust <input checked="" type="checkbox"/> Noise																																										
<b>Calculation of risk</b>																																										
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death		<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable		<table border="1" style="display: inline-table; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 $2 \times 3 = 6 =$ Red, high risk Adequate control measures are required																			
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<b>Control measures to be implemented</b>				<input checked="" type="checkbox"/> Noise will be reduced to the lowest possible level and where action levels of 85 dB(A) are likely to be reached, assessments will be conducted, information given to all persons likely to be affected, ear protection provided, which must be worn when required. <input checked="" type="checkbox"/> Tools producing high levels of vibration are to have padded handles to reduce risks of vibration white finger (VWF). <input checked="" type="checkbox"/> Operatives to wear gloves in cold weather to reduce VWF. <input checked="" type="checkbox"/> A separate COSHH assessment will be carried out where dust is likely to be a hazard to health, and suitable personal protective equipment (PPE) will be provided and worn. <input checked="" type="checkbox"/> Kerbs to be moved mechanically <input checked="" type="checkbox"/> Cutting to take place on firm level ground <input checked="" type="checkbox"/> Complete Permit to Cut if required by Client.																																						
<b>Protective equipment / Systems</b>																																										
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																
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## Risk Assessment Slab Laying

<b>Address</b>	<b>INSERT ADDRESS</b>																																									
<b>Work activity</b>	<b>Laying of slabs</b>																																									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																			
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																			
<b>Hazards identified</b>																																										
<input checked="" type="checkbox"/> Failure to provide adequate supervision <input checked="" type="checkbox"/> Operatives not following site rules and procedures <input checked="" type="checkbox"/> Unauthorised persons in the work area <input checked="" type="checkbox"/> Manual handling					<input checked="" type="checkbox"/> Noise, dust, flying particles <input checked="" type="checkbox"/> Slips, trips and falls. <input checked="" type="checkbox"/> Waste left on site <input checked="" type="checkbox"/> Failure to follow emergency procedures																																					
<b>Calculation of risk</b>																																										
<b>Severity</b>			<b>Likelihood</b>			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FF0000;">3</td><td style="background-color: #FF0000;">6</td><td style="background-color: #FF0000;">9</td></tr> <tr><td>2</td><td style="background-color: #FFFF00;">2</td><td style="background-color: #FFFF00;">4</td><td style="background-color: #FFFF00;">6</td></tr> <tr><td>1</td><td style="background-color: #00FF00;">1</td><td style="background-color: #00FF00;">2</td><td style="background-color: #00FF00;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> <p style="margin-left: 20px;"><b>Example;</b> If S = 2 and L = 3 2 x 3 = 6 = Red, high risk</p> <p style="margin-left: 20px;">Adequate control measures are required</p>					3	3	6	9	2	2	4	6	1	1	2	3		1	2	3																
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<b>Control measures to be implemented</b>																																										
<input checked="" type="checkbox"/> A supervisor will be in overall charge of the works and will provide adequate information to the operative carrying out the work ensuring that all necessary PPE is worn as per site rules and current legislation. <input checked="" type="checkbox"/> Operatives will work safely and take reasonable care of their own health and safety and that of others who may be affected by their actions ensuring that all equipment is checked and that it is in good condition and safe to use. <input checked="" type="checkbox"/> Materials will be delivered to the site area by mechanical means. Single slabs will be carried from pallets to wherever the job requires them to be used.						<input checked="" type="checkbox"/> Only trained persons are permitted to use disc cutters. Operatives will wear ear defenders, Class A impact goggles and FFP2 dust mask / water suppression. <input checked="" type="checkbox"/> When the work has finished or the day ends Operatives will ensure that all sources of trips and falls are cleared to behind a barrier and that any sharp or otherwise dangerous objects are cleared to a covered skip. <input checked="" type="checkbox"/> All waste will be disposed of as per the Site Waste Management Plan. <input checked="" type="checkbox"/> The area will be segregated and only those involved in the work will be allowed into the work area																																				
<b>Protective equipment / Systems</b>																																										
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																
<b>Required</b>			✓				✓			✓																																
<b>Symbol</b>																																										
<b>Notes and additional information</b>																																										
Where there is a danger of dust then suitable respiratory equipment should be worn.																																										
<b>Completed by:</b>		<b>Sean Toomey CertIOSH MCIQB</b>					<b>Date:</b>		<b>01/07/2024</b>																																	
<b>Read and understood by:</b>							<b>Date:</b>																																			











## Risk Assessment Cutting and Placement of RC Beams

<b>Address</b>	<b>INSERT ADDRESS</b>									
<b>Work activity</b>	<b>Cutting RC Beams</b>									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel	✓		
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment	✓	PPE	✓	Permit to work			
<b>Hazards identified</b>										
<input checked="" type="checkbox"/> Workplace transport – moving vehicles <input checked="" type="checkbox"/> Injuries from failing to wear correct personal protective equipment <input checked="" type="checkbox"/> Cuts					<input checked="" type="checkbox"/> Trying to lift too much weight <input checked="" type="checkbox"/> Strained / pulled muscles <input checked="" type="checkbox"/> Noise and vibration <input checked="" type="checkbox"/> Falling objects					
<b>Calculation of risk</b>										
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable					<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 = \text{Red, high risk}$ Adequate control measures are required		
<b>Before controls</b> 			<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b> $3 \times 3 = 9 = \text{Red} = \text{High risk}$ Adequate control measures are required to be put into place			<b>After controls</b> 		<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b> $2 \times 1 = 2 = \text{Green} = \text{Low risk}$ Adequate control measures as described below have been put in place but a degree of risk still exists which cannot be controlled.		
<b>Control measures to be implemented</b>										
<input checked="" type="checkbox"/> All operatives will wear helmets, hi-visibility jackets, gloves, goggles, safety footwear and suitable clothing at all times. <input checked="" type="checkbox"/> Area of operation will be sectioned off with the use of pedestrian barriers. <input checked="" type="checkbox"/> Check weight of items to be moved varies dependant on type of beam <input checked="" type="checkbox"/> Cutter to be checked for correct disc type and security only discs WITH MAXIMUM 7MM GULLET to be used. <input checked="" type="checkbox"/> General condition of cutter (Still) to be checked prior to starting <input checked="" type="checkbox"/> Check for Hand arm Vibration usage times.					<input checked="" type="checkbox"/> All beams will be delivered in packs by forklift or carried by machine, using a suitable grab or stops. The packs will be put near to the area of work. All operators will have been trained in the use of the plant and will be guided by competent banks man. <input checked="" type="checkbox"/> Beams will be carefully marked and placed on a cutting form away from other obstacles and on firm level surface. <input checked="" type="checkbox"/> Beams are to be lifted by mechanical means from the packs into their position for cutting. The manual handling of beams will be kept to an absolute minimum. <input checked="" type="checkbox"/> Care will be taken when removing beams from stacks making sure that other beams will not fall off. Stacks of beams to be placed on level solid ground. <input checked="" type="checkbox"/> Complete Permit to Cut if required by Client.					
<b>Protective equipment / Systems</b>										
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>
<b>Required</b>		✓	✓			✓	✓	✓		✓
<b>Symbol</b>										
<b>Notes and additional information</b>										
<b>Completed by:</b>		Sean Toomey CertIOSH MCIQB					<b>Date:</b>		01/07/2024	
<b>Read and understood by:</b>							<b>Date:</b>			











## Risk Assessment Concrete Foundations

<b>Address</b>	<b>INSERT ADDRESS</b>									
<b>Work activity</b>	<b>Placing of Concrete Foundations</b>									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel	✓		
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment	✓	PPE	✓	Permit to work			
<b>Hazards identified</b>										
<input checked="" type="checkbox"/> Workplace transport – moving vehicles <input checked="" type="checkbox"/> Injuries from failing to wear correct personal protective equipment <input checked="" type="checkbox"/> Skin burns					<input checked="" type="checkbox"/> Trying to lift too much weight <input checked="" type="checkbox"/> Strained / pulled muscles <input checked="" type="checkbox"/> Alkali burns from cement <input checked="" type="checkbox"/> Danger to the general public <input checked="" type="checkbox"/> Falls from height					
<b>Calculation of risk</b>										
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable					<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 = \text{Red, high risk}$ Adequate control measures are required		
<b>Before controls</b>  3 x 3 = 9 = Red = High risk Adequate control measures are required to be put into place			<b>After controls</b>  $2 \times 1 = 2 = \text{Green} = \text{Low risk}$ Adequate control measures as described below have been put in place but a degree of risk still exists which cannot be controlled.							
<b>Control measures to be implemented</b>										
<input checked="" type="checkbox"/> The vehicle will be fitted with a reversing warning. The vehicle will be under supervision for reversing and staff will be wearing high visibility vests or jackets. <input checked="" type="checkbox"/> All staff are required to wear safety boots and helmets, impervious gloves, high visibility vests and ear defenders (for pump operation). Staff working at the discharge of the pump may also require safety glasses and this will be determined at site <input checked="" type="checkbox"/> Staff and supervisors must ensure that they wear sufficient and suitable clothing to prevent spatter reaching unprotected parts of the body, should this occur the concrete should be washed off immediately.					<input checked="" type="checkbox"/> Operatives should be physically fit individuals with no history of back problems, trained in lifting techniques. <input checked="" type="checkbox"/> Staff can suffer irritation, burns and allergy type reactions to concrete after repeated unprotected contact. This risk is the same as with any cement based product and good standards of hygiene and the use of impervious gloves when handling cement is mandatory. <input checked="" type="checkbox"/> All work taking place must be properly signed, lit and guarded to prevent unauthorised access <input checked="" type="checkbox"/> Hand rails in place if risk of falling					
<b>Protective equipment / Systems</b>										
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>
<b>Required</b>			✓			✓	✓	✓		✓
<b>Symbol</b>										
<b>Notes and additional information</b>										
<b>Completed by:</b>					<b>Sean Toomey CertIOSH MCIQB</b>			<b>Date:</b>		<b>01/07/2024</b>
<b>Read and understood by:</b>								<b>Date:</b>		











## Risk Assessment Stone Fill

<b>Address</b>	<b>INSERT ADDRESS</b>																																												
<b>Work activity</b>	<b>Placing Stone Fill</b>																																												
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																						
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																						
<b>Hazards identified</b>																																													
<input checked="" type="checkbox"/> Trip Hazards <input checked="" type="checkbox"/> Dust <input checked="" type="checkbox"/> Manual Handling					<input checked="" type="checkbox"/> Falling objects <input checked="" type="checkbox"/> Being struck by items of plant																																								
<b>Calculation of risk</b>																																													
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: red;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: red;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: yellow;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 = \text{Red, high risk}$  Adequate control measures are required																				
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<b>Control measures to be implemented</b>																																													
<input checked="" type="checkbox"/> Work shall be supervised and carried out by competent people, who will be given clear instruction and information. <input checked="" type="checkbox"/> Prior to commencement of fill, a clear access / egress point <input checked="" type="checkbox"/> If excessive dust is created, then operations must stop until either dust suppression is established or weather conditions improve. <input checked="" type="checkbox"/> Operatives should look for obvious signs of contamination prior to working <input checked="" type="checkbox"/> Vibration times for use of compaction plates and if going to be exceeded rotate operatives <input checked="" type="checkbox"/> Roller drivers to be competent					<input checked="" type="checkbox"/> Whilst fill material is being placed by machine all operatives must maintain themselves in a safe zone only the Signaller shall enter this zone, the plant operator will cease work if unauthorised personal enter the working arc of operation. <input checked="" type="checkbox"/> The use of hand-held tools precautions must be observed i.e. manual handling. All hand tools must be in good order. <input checked="" type="checkbox"/> Care must be taken near sewers and sewage pipes, since damaging them carries a double risk; of leakage and blockage																																								
<b>Protective equipment / Systems</b>																																													
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																			
<b>Required</b>			✓				✓	✓		✓																																			
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<b>Read and understood by:</b>						<b>Date:</b>																																							

## Risk Assessment Placing Concrete Beams

<b>Address</b>	<b>INSERT ADDRESS</b>																																																				
<b>Work activity</b>	<b>Placing Concrete Beams</b>																																																				
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																														
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																														
<b>Hazards identified</b>																																																					
<input checked="" type="checkbox"/> Cuts and abrasions <input checked="" type="checkbox"/> Contact with wet cement (alkali burns) <input checked="" type="checkbox"/> Inhalation of dust from cement powder and / or cutting concrete blocks					<input checked="" type="checkbox"/> Flying debris from disc cutters <input checked="" type="checkbox"/> Back injuries and manual handling <input checked="" type="checkbox"/> Falls from heights <input checked="" type="checkbox"/> Exposure to adverse weather conditions (hot / cold)																																																
<b>Calculation of risk</b>																																																					
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="font-size: small;"> <tr><td>Severity</td><td>3</td><td>3</td><td>6</td><td>9</td></tr> <tr><td>2</td><td>2</td><td>4</td><td>6</td><td></td></tr> <tr><td>1</td><td>1</td><td>2</td><td>3</td><td></td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td></td></tr> <tr><td></td><td colspan="3" style="text-align: center;"><b>Likelihood</b></td><td></td></tr> </table>			Severity	3	3	6	9	2	2	4	6		1	1	2	3			1	2	3			<b>Likelihood</b>				<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required																			
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<b>Control measures to be implemented</b>																																																					
<input checked="" type="checkbox"/> When handling rough beams gloves should be worn <input checked="" type="checkbox"/> All beams to be lifted into position mechanically <input checked="" type="checkbox"/> Keep handling of wet cement / mortar to a minimum <input checked="" type="checkbox"/> When mixing powdered cement / or cutting beams a face mask should be worn <input checked="" type="checkbox"/> Use water suppression when cutting blocks or stone <input checked="" type="checkbox"/> Use a bar to move beams by hand					<input checked="" type="checkbox"/> The correct manual handling techniques should be used when carrying heavy weights <input checked="" type="checkbox"/> Before commencing always ensure that there is a safe working area to work in <input checked="" type="checkbox"/> On no account should guardrails be removed whilst working at height <input checked="" type="checkbox"/> Correct clothing and PPE to be worn at all times to protect the skin from harmful ultra-violet rays																																																
<b>Protective equipment / Systems</b>																																																					
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																											
<b>Required</b>			✓	✓			✓	✓	✓	✓																																											
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Face mask is to be worn if dust is being created																																																					
<b>Completed by:</b>			Sean Toomey CertIOSH MCIQB				<b>Date:</b>		01/07/2024																																												
<b>Read and understood by:</b>							<b>Date:</b>																																														

## Risk Assessment Moving Concrete Beams by Excavator

Address	<b>INSERT ADDRESS</b>																																							
Work activity	<b>Moving Concrete Beams by Excavator</b>																																							
Persons at risk	Employee	✓	General public	✓	Others	✓	Client personnel																																	
Supporting requirements	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																	
<b>Hazards identified</b>																																								
<input checked="" type="checkbox"/> Contact with vehicles <input checked="" type="checkbox"/> Falling objects <input checked="" type="checkbox"/> Contact with moving objects				<input checked="" type="checkbox"/> Crushing <input checked="" type="checkbox"/> Property damage																																				
<b>Calculation of risk</b>																																								
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FFD700;">3</td><td style="background-color: #FF0000;">6</td><td style="background-color: #FF0000;">9</td></tr> <tr><td>2</td><td style="background-color: #90EE90;">2</td><td style="background-color: #FFD700;">4</td><td style="background-color: #FF0000;">6</td></tr> <tr><td>1</td><td style="background-color: #90EE90;">1</td><td style="background-color: #90EE90;">2</td><td style="background-color: #FFD700;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> <p style="margin-left: 20px;"><b>Likelihood</b></p>				3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 =$ Red, high risk		Adequate control measures are required												
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<b>Before controls</b> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FFD700;">X</td><td style="background-color: #FF0000;"></td></tr> <tr><td>2</td><td style="background-color: #FFD700;"></td><td style="background-color: #FF0000;"></td></tr> <tr><td>1</td><td style="background-color: #90EE90;"></td><td style="background-color: #90EE90;"></td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> <p style="margin-left: 20px;"><b>Likelihood</b></p>			3	X		2			1				1	2	3	<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  $3 \times 2 = 6 =$ Red = High risk  Adequate control measures are required to be put into place			<b>After controls</b> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FFD700;"></td><td style="background-color: #FF0000;"></td><td style="background-color: #FF0000;"></td></tr> <tr><td>2</td><td style="background-color: #90EE90;"></td><td style="background-color: #FFD700;">X</td><td style="background-color: #FF0000;"></td></tr> <tr><td>1</td><td style="background-color: #90EE90;"></td><td style="background-color: #90EE90;"></td><td style="background-color: #FFD700;"></td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> <p style="margin-left: 20px;"><b>Likelihood</b></p>				3				2		X		1					1	2	3	<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  $2 \times 2 = 4 =$ Yellow = Medium risk Adequate control measures as described below have been put in place but a degree of risk still exists which cannot be controlled.	
3	X																																							
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2		X																																						
1																																								
	1	2	3																																					
<b>Control measures to be implemented</b>																																								
<input checked="" type="checkbox"/> When handling rough beams gloves should be worn <input checked="" type="checkbox"/> All beams to be lifted into position mechanically <input checked="" type="checkbox"/> Lifting accessories to be inspected prior to use <input checked="" type="checkbox"/> Lifting accessories to be independently inspected every 6 months <input checked="" type="checkbox"/> Slinger to be trained				<input checked="" type="checkbox"/> The correct manual handling techniques should be used when carrying heavy weights <input checked="" type="checkbox"/> Before commencing always ensure that there is a safe working area to work in <input checked="" type="checkbox"/> Excavator to be inspected for lifting every 12 months by an independent inspector <input checked="" type="checkbox"/> Banksman to control movement of beams																																				
<b>Protective equipment / Systems</b>																																								
Type	Overalls	Permit	Gloves	Face mask	Harness	Hearing	High vis	Head	Eye	Feet																														
Required			✓	✓			✓	✓	✓	✓																														
Symbol																																								
<b>Notes and additional information</b>																																								
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

## Risk Assessment Cutting Rebar

<b>Address</b>	<b>INSERT ADDRESS</b>									
<b>Work activity</b>	<b>Cutting Rebar</b>									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel	✓		
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment	✓	PPE	✓	Permit to work			
<b>Hazards identified</b>										
<input checked="" type="checkbox"/> Workplace transport – moving vehicles <input checked="" type="checkbox"/> Injuries from failing to wear correct personal protective equipment <input checked="" type="checkbox"/> Cuts					<input checked="" type="checkbox"/> Trying to lift too much weight <input checked="" type="checkbox"/> Strained / pulled muscles <input checked="" type="checkbox"/> Noise and vibration <input checked="" type="checkbox"/> Falling objects					
<b>Calculation of risk</b>										
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable							
<b>Before controls</b>  3 x 3 = 9 = Red = High risk Adequate control measures are required to be put into place			<b>After controls</b>  2 x 1 = 2 = Green = Low risk Adequate control measures as described below have been put in place but a degree of risk still exists which cannot be controlled.							
<b>Control measures to be implemented</b>										
<input checked="" type="checkbox"/> All operatives will wear helmets, hi-visibility jackets, gloves, goggles, safety footwear and suitable clothing at all times. <input checked="" type="checkbox"/> Area of operation will be sectioned off with the use of pedestrian barriers. <input checked="" type="checkbox"/> Check weight of items to be moved varies dependant on size of rebar <input checked="" type="checkbox"/> Cutter to be checked for correct disc type and security only discs for cutting metal marked 'A' or metal <input checked="" type="checkbox"/> General condition of cutter (Still) to be checked prior to starting <input checked="" type="checkbox"/> Check for Hand arm Vibration usage times.					<input checked="" type="checkbox"/> All rebar will be delivered in packs by forklift or carried by machine, using a suitable chains or strops. The packs will be put near to the area of work. All operators will have been trained in the use of the plant and will be guided by competent banks man. <input checked="" type="checkbox"/> Rebar will be carefully marked and placed on a cutting form away from other obstacles and on firm level surface. <input checked="" type="checkbox"/> Rebar are to be lifted by mechanical means from the packs into their position for cutting. The manual handling of rebar will be kept to an absolute minimum. <input checked="" type="checkbox"/> Complete Permit to Cut if required by Client.					
<b>Protective equipment / Systems</b>										
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>
<b>Required</b>			✓			✓	✓	✓		✓
<b>Symbol</b>										
<b>Notes and additional information</b>										
<b>Completed by:</b>					Sean Toomey CertIOSH MCIQB			<b>Date:</b>		01/07/2024
<b>Read and understood by:</b>								<b>Date:</b>		











## Risk Assessment Steel Fixing and use of mesh

<b>Address</b>	<b>INSERT ADDRESS</b>									
<b>Work activity</b>	<b>Steel fixing and use of mesh</b>									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel	✓		
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment	✓	PPE	✓	Permit to work			
<b>Hazards identified</b>										
<input checked="" type="checkbox"/> Workplace transport – moving vehicles <input checked="" type="checkbox"/> Injuries from failing to wear correct personal protective equipment <input checked="" type="checkbox"/> Cuts					<input checked="" type="checkbox"/> Trying to lift too much weight <input checked="" type="checkbox"/> Strained / pulled muscles <input checked="" type="checkbox"/> Noise and vibration <input checked="" type="checkbox"/> Falling objects					
<b>Calculation of risk</b>										
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable					<b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 $2 \times 3 = 6 = \text{Red, high risk}$ Adequate control measures are required		
<b>Before controls</b> 			<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b> $3 \times 3 = 9 = \text{Red} = \text{High risk}$ Adequate control measures are required to be put into place			<b>After controls</b> 		<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b> $2 \times 1 = 2 = \text{Green} = \text{Low risk}$ Adequate control measures as described below have been put in place but a degree of risk still exists which cannot be controlled.		
<b>Control measures to be implemented</b>										
<input checked="" type="checkbox"/> All operatives will wear helmets, hi-visibility jackets, gloves, safety footwear and suitable clothing at all times. <input checked="" type="checkbox"/> Area of operation will be sectioned off with the use of pedestrian barriers. <input checked="" type="checkbox"/> Check weight of items to be moved varies dependant on size of rebar or mesh <input checked="" type="checkbox"/> Cutter to be checked for correct disc type and security only discs for cutting metal marked 'A' or metal <input checked="" type="checkbox"/> General condition of cutter (Still) to be checked prior to starting <input checked="" type="checkbox"/> Check for Hand arm Vibration usage times.					<input checked="" type="checkbox"/> All rebar will be delivered in packs by forklift or carried by machine, using a suitable chains or strops. The packs will be put near to the area of work. All operators will have been trained in the use of the plant and will be guided by competent banks man. <input checked="" type="checkbox"/> Rebar will be carefully marked and placed on trestle for making cages and on firm level surface. <input checked="" type="checkbox"/> Rebar are to be lifted by mechanical means from the packs into their position for fixing. The manual handling of rebar will be kept to an absolute minimum. <input checked="" type="checkbox"/> No lifting of mesh over persons <input checked="" type="checkbox"/> Sufficient number of persons to be available for any team lifting of mesh					
<b>Protective equipment / Systems</b>										
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>
<b>Required</b>			✓			✓	✓	✓		✓
<b>Symbol</b>										
<b>Notes and additional information</b>										
<b>Completed by:</b>					<b>Sean Toomey CertIOSH MCIQB</b>			<b>Date:</b>		<b>01/07/2024</b>
<b>Read and understood by:</b>								<b>Date:</b>		











## Risk Assessment Brickwork and Blockwork

<b>Address</b>	<b>INSERT ADDRESS</b>																																		
<b>Work activity</b>	<b>General bricklaying and block laying</b>																																		
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																												
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																												
<b>Hazards identified</b>																																			
<input checked="" type="checkbox"/> Cuts and abrasions <input checked="" type="checkbox"/> Contact with wet cement (alkali burns) <input checked="" type="checkbox"/> Inhalation of dust from cement powder and / or cutting concrete blocks					<input checked="" type="checkbox"/> Flying debris from disc cutters <input checked="" type="checkbox"/> Back injuries and manual handling <input checked="" type="checkbox"/> Falls from heights <input checked="" type="checkbox"/> Exposure to adverse weather conditions (hot / cold)																														
<b>Calculation of risk</b>																																			
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FF0000;">3</td><td style="background-color: #FF0000;">6</td><td style="background-color: #FF0000;">9</td></tr> <tr><td>2</td><td style="background-color: #FFFF00;">2</td><td style="background-color: #FFFF00;">4</td><td style="background-color: #FFFF00;">6</td></tr> <tr><td>1</td><td style="background-color: #00FF00;">1</td><td style="background-color: #00FF00;">2</td><td style="background-color: #00FF00;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>		3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required											
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<b>Before controls</b> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FF0000;">X</td><td style="background-color: #FF0000;">X</td></tr> <tr><td>2</td><td style="background-color: #FFFF00;">X</td><td style="background-color: #FFFF00;">X</td></tr> <tr><td>1</td><td style="background-color: #00FF00;">X</td><td style="background-color: #00FF00;">X</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	X	X	2	X	X	1	X	X		1	2	3	<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  $3 \times 2 = 6 =$ Red = High risk  Adequate control measures are required to be put into place			<b>After controls</b> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #00FF00;">X</td><td style="background-color: #00FF00;">X</td></tr> <tr><td>2</td><td style="background-color: #FFFF00;">X</td><td style="background-color: #FFFF00;">X</td></tr> <tr><td>1</td><td style="background-color: #00FF00;">X</td><td style="background-color: #00FF00;">X</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>		3	X	X	2	X	X	1	X	X		1	2	3	<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  $2 \times 2 = 4 =$ Yellow = Medium risk Adequate control measures as described below have been put in place but a degree of risk still exists which cannot be controlled.	
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3	X	X																																	
2	X	X																																	
1	X	X																																	
	1	2	3																																
<b>Control measures to be implemented</b>																																			
<input checked="" type="checkbox"/> When handling rough bricks gloves should be worn <input checked="" type="checkbox"/> Keep handling of wet cement / mortar to a minimum <input checked="" type="checkbox"/> When mixing powdered cement / or cutting blocks a face mask should be worn <input checked="" type="checkbox"/> When using cutting discs goggles and hearing protection must be worn <input checked="" type="checkbox"/> Use water suppression when cutting blocks or stone					<input checked="" type="checkbox"/> The correct manual handling techniques should be used when carrying heavy weights <input checked="" type="checkbox"/> Before commencing bricklaying always ensure that there is a safe working area to work in. A mixing area with Heras barriers and stop blocks should be established. <input checked="" type="checkbox"/> On no account should guardrails be removed whilst working at height <input checked="" type="checkbox"/> Correct clothing and PPE to be worn at all times to protect the skin from harmful ultra-violet rays																														
<b>Protective equipment / Systems</b>																																			
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																									
<b>Required</b>			✓	✓			✓	✓	✓	✓																									
<b>Symbol</b>																																			
<b>Notes and additional information</b>																																			
Face mask is to be worn if dust is being created																																			
<b>Completed by:</b>		Sean Toomey CertIOSH MCIQB					<b>Date:</b>		01/07/2024																										
<b>Read and understood by:</b>							<b>Date:</b>																												











## Risk Assessment Mixing Mortar

<b>Address</b>	<b>INSERT ADDRESS</b>																																			
<b>Work activity</b>	<b>Using and mixing mortar</b>																																			
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																													
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																													
<b>Hazards identified</b>																																				
<input checked="" type="checkbox"/> Cuts and abrasions <input checked="" type="checkbox"/> Contact with wet cement (alkali burns) <input checked="" type="checkbox"/> Inhalation of dust from cement powder and / or cutting concrete blocks					<input checked="" type="checkbox"/> Flying debris from disc cutters <input checked="" type="checkbox"/> Back injuries and manual handling <input checked="" type="checkbox"/> Falls from heights <input checked="" type="checkbox"/> Exposure to adverse weather conditions (hot / cold)																															
<b>Calculation of risk</b>																																				
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: red;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: yellow;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: green;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 2 x 3 = 6 = Red, high risk		Adequate control measures are required									
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3	X	X																																		
2	X	X																																		
1	X	X																																		
	1	2	3																																	
<b>Control measures to be implemented</b>																																				
<input checked="" type="checkbox"/> When handling cement gloves, long sleeve tops and trousers should be worn <input checked="" type="checkbox"/> Keep handling of wet cement / mortar to a minimum <input checked="" type="checkbox"/> When mixing powdered cement / or cutting blocks a face mask should be worn <input checked="" type="checkbox"/> Use a barrow o move mixed mortar <input checked="" type="checkbox"/> Use hoist or 'muck' bins to lift mortar mechanically onto scaffolds					<input checked="" type="checkbox"/> The correct manual handling techniques should be used when carrying heavy weights <input checked="" type="checkbox"/> Before commencing always ensure that there is a safe working area to work in <input checked="" type="checkbox"/> On no account should guardrails be removed whilst working at height <input checked="" type="checkbox"/> Correct clothing and PPE to be worn at all times to protect the skin from harmful ultra-violet rays <input checked="" type="checkbox"/> Wash of any skin contact with mortar immediately																															
<b>Protective equipment / Systems</b>																																				
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																										
<b>Required</b>			✓	✓			✓	✓	✓	✓																										
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Face mask is to be worn if dust is being created																																				
<b>Completed by:</b>			Sean Toomey CertIOSH MCIQB				<b>Date:</b>		01/07/2024																											
<b>Read and understood by:</b>							<b>Date:</b>																													











## Risk Assessment Oversight Drainage

<b>Address</b>	<b>INSERT ADDRESS</b>																																									
<b>Work activity</b>	<b>Oversite drainage</b>																																									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																			
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																			
<b>Hazards identified</b>				<input checked="" type="checkbox"/> Being struck by falling objects. <input checked="" type="checkbox"/> Weil's disease. <input checked="" type="checkbox"/> Manual handling																																						
<input checked="" type="checkbox"/> Working at height <input checked="" type="checkbox"/> Trips slips and falls																																										
<b>Calculation of risk</b>																																										
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death		<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable		<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FFFF00;">3</td><td style="background-color: #FFA500;">6</td><td style="background-color: #FF0000;">9</td></tr> <tr><td>2</td><td style="background-color: #90EE90;">2</td><td style="background-color: #FFFF00;">4</td><td style="background-color: #FF0000;">6</td></tr> <tr><td>1</td><td style="background-color: #90EE90;">1</td><td style="background-color: #90EE90;">2</td><td style="background-color: #FFA500;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 = \text{Red, high risk}$  Adequate control measures are required																			
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<b>Control measures to be implemented</b>																																										
<input checked="" type="checkbox"/> Area of work to be cordoned off <input checked="" type="checkbox"/> All edges if potential fall to have handrails <input checked="" type="checkbox"/> Materials to be mechanically moved if possible to location of work <input checked="" type="checkbox"/> Operatives to be trained in manual handling <input checked="" type="checkbox"/> Operatives will be informed of the need to practice good personal hygiene.				<input checked="" type="checkbox"/> Personal protective equipment will be supplied and used. <input checked="" type="checkbox"/> Adequate supervision will be provided at all times. <input checked="" type="checkbox"/> When work has finished all debris will be removed and the manhole cover replaced and the fencing and signage removed.																																						
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<b>Read and understood by:</b>						<b>Date:</b>																																				











## Risk Assessment Oversight Fill

<b>Address</b>	<b>INSERT ADDRESS</b>																																												
<b>Work activity</b>	<b>Oversite Fill</b>																																												
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																						
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																						
<b>Hazards identified</b>																																													
<input checked="" type="checkbox"/> Trip Hazards <input checked="" type="checkbox"/> Dust <input checked="" type="checkbox"/> Manual Handling					<input checked="" type="checkbox"/> Damage to brick blockwork <input checked="" type="checkbox"/> Being struck by items of plant																																								
<b>Calculation of risk</b>																																													
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: red;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: red;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: yellow;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 = \text{Red, high risk}$  Adequate control measures are required																				
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<b>Control measures to be implemented</b>																																													
<input checked="" type="checkbox"/> Work shall be supervised and carried out by competent people, who will be given clear instruction and information. <input checked="" type="checkbox"/> Prior to commencement of fill, a clear access / egress point with ramped walkway will be established. <input checked="" type="checkbox"/> If excessive dust is created, then operations must stop until either dust suppression is established or weather conditions improve. <input checked="" type="checkbox"/> Operatives should look for obvious signs of contamination prior to working in an oversite and any fill material being used. <input checked="" type="checkbox"/> Vibration times for use of compaction plates and if going to be exceeded rotate operatives					<input checked="" type="checkbox"/> Whilst fill material is being placed by machine all operatives must maintain themselves in a safe zone only the Signaller shall enter this zone, the plant operator will cease work if unauthorised personal enter the working arc of operation. <input checked="" type="checkbox"/> The use of hand-held tools precautions must be observed i.e. manual handling All hand tools must be in good order. <input checked="" type="checkbox"/> Any damage to brick blockwork must be reported immediately. <input checked="" type="checkbox"/> Care must be taken near sewers and sewage pipes, since damaging them carries a double risk; of leakage and blockage																																								
<b>Protective equipment / Systems</b>																																													
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																			
<b>Required</b>			✓				✓	✓		✓																																			
<b>Symbol</b>																																													
<b>Notes and additional information</b>																																													
Where there is a danger of dust then suitable respiratory equipment should be worn.																																													
<b>Completed by:</b>		<b>Sean Toomey CertIOSH MCIQB</b>				<b>Date:</b>		<b>01/07/2024</b>																																					
<b>Read and understood by:</b>						<b>Date:</b>																																							

## Risk Assessment Placing Insulation Sheets











<b>Address</b>	<b>INSERT ADDRESS</b>																																								
<b>Work activity</b>	<b>Placing insulation sheets</b>																																								
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																		
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																		
<b>Hazards identified</b>																																									
<input checked="" type="checkbox"/> Untrained employees <input checked="" type="checkbox"/> Contact with moving vehicles <input checked="" type="checkbox"/> Falls from height					<input checked="" type="checkbox"/> Manual handling <input checked="" type="checkbox"/> Injury to hands - Lack of PPE worn <input checked="" type="checkbox"/> Not enough / incorrect signage <input checked="" type="checkbox"/> Cuts																																				
<b>Calculation of risk</b>																																									
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FFFF00;">3</td><td style="background-color: #FFA500;">6</td><td style="background-color: #FF0000;">9</td></tr> <tr><td>2</td><td style="background-color: #90EE90;">2</td><td style="background-color: #FFFF00;">4</td><td style="background-color: #FF0000;">6</td></tr> <tr><td>1</td><td style="background-color: #90EE90;">1</td><td style="background-color: #90EE90;">2</td><td style="background-color: #FFA500;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> <p><b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 2 x 3 = <b>6</b> = Red, high risk</p> <p>Adequate control measures are required</p>				3	3	6	9	2	2	4	6	1	1	2	3		1	2	3																
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<b>Control measures to be implemented</b>																																									
<input checked="" type="checkbox"/> All operatives have been trained <input checked="" type="checkbox"/> Delivery of materials to be as close to the work areas as is possible <input checked="" type="checkbox"/> Personal protective equipment is to be worn at all times during the works <input checked="" type="checkbox"/> All operatives using knives for cutting to wear suitable gloves					<input checked="" type="checkbox"/> Plan movements of boards and manual handling <input checked="" type="checkbox"/> Clear up waste materials immediately <input checked="" type="checkbox"/> If boards are being left unattended ensure they cannot be blown around																																				
<b>Protective equipment / Systems</b>																																									
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																															
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## Risk Assessment Building Manholes and Concrete Sections











<b>Address</b>	<b>INSERT ADDRESS</b>																																										
<b>Work activity</b>	<b>Building Manholes and concrete sections</b>																																										
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																				
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																				
<b>Hazards identified</b>																																											
<input checked="" type="checkbox"/> Working in a confined space. <input checked="" type="checkbox"/> Breathing in toxic gases. <input checked="" type="checkbox"/> Falls from height <input checked="" type="checkbox"/> Struck by other vehicles <input checked="" type="checkbox"/> Falling objects				<input checked="" type="checkbox"/> Being struck by falling objects <input checked="" type="checkbox"/> Drowning <input checked="" type="checkbox"/> Weil's disease. <input checked="" type="checkbox"/> Manual Handling <input checked="" type="checkbox"/> Hit by lifting equipment <input checked="" type="checkbox"/> Cement																																							
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<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death		<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable		<table border="1" style="display: inline-table; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: green;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required																				
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1																																											
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<b>Control measures to be implemented</b>																																											
<input checked="" type="checkbox"/> All operatives to be trained and supervised at all times <input checked="" type="checkbox"/> Excavation for manhole to be supported with manhole box, trench sheets or battered back <input checked="" type="checkbox"/> Handrails to be in place if risk of fall <input checked="" type="checkbox"/> Manual handling to be planned and operatives trained <input checked="" type="checkbox"/> Lifting carried out by equipment that has been inspected within 12 months and accessories within 6 months including manhole lifting eyes. <input checked="" type="checkbox"/> Wear gloves when handling mortar and wash off any skin contact immediately				<input checked="" type="checkbox"/> Pump out any water <input checked="" type="checkbox"/> Use a gas monitor to check air quality <input checked="" type="checkbox"/> Operatives will be informed of the need to practice good personal hygiene. <input checked="" type="checkbox"/> Personal protective equipment will be supplied and used. <input checked="" type="checkbox"/> Spoil and loose objects will be kept clear of the edges. <input checked="" type="checkbox"/> When work has finished all debris will be removed and the manhole cover replaced and the fencing and signage removed. <input checked="" type="checkbox"/> Make sure that the cover slab and frame and manhole cover are put in position to prevent unauthorised access into manholes																																							
<b>Protective equipment / Systems</b>																																											
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																	
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## Risk Assessment use of Trench Boxes

<b>Address</b>	INSERT ADDRESS																																												
<b>Work activity</b>	Use of Trench Boxes																																												
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																						
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																						
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<b>Control measures to be implemented</b>																																													
<input checked="" type="checkbox"/> All operatives to be trained and supervised at all times <input checked="" type="checkbox"/> No one to enter an unsupported excavation unless safe to do so <input checked="" type="checkbox"/> Handrails to be in place if risk of fall <input checked="" type="checkbox"/> Manual handling to be planned and operatives trained <input checked="" type="checkbox"/> Lifting carried out by equipment that has been inspected within 12 months and accessories within 6 months including manhole lifting eyes. <input checked="" type="checkbox"/> Wear gloves when handling equipment				<input checked="" type="checkbox"/> Operatives will be informed of the need to practice good personal hygiene. <input checked="" type="checkbox"/> Personal protective equipment will be supplied and used. <input checked="" type="checkbox"/> Use a tag line to manage the movement of the trench box <input checked="" type="checkbox"/> Use the excavator or other lifting equipment to lower the trench box in place <input checked="" type="checkbox"/> Always have two boxes in the trench and never move out of the protection zone <input checked="" type="checkbox"/> Add top rails or another box to prevent falls																																									
Protective equipment / Systems																																													
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																			
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

## Risk Assessment Laying Tarmac

Address	<b>INSERT ADDRESS</b>																																																																
Work activity	<b>Laying of Tarmac</b>																																																																
Persons at risk	Employee	✓	General public	✓	Others		Client personnel																																																										
	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																																										
<b>Hazards identified</b>																																																																	
<input checked="" type="checkbox"/> Untrained employees <input checked="" type="checkbox"/> Contact with moving vehicles <input checked="" type="checkbox"/> Contact with overhead power cables <input checked="" type="checkbox"/> Burns					<input checked="" type="checkbox"/> Manual handling <input checked="" type="checkbox"/> Injury to hands - Lack of PPE worn <input checked="" type="checkbox"/> Not enough / incorrect signage <input checked="" type="checkbox"/> Hand and arm vibration <input checked="" type="checkbox"/> Fire																																																												
<b>Calculation of risk</b>																																																																	
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table style="display: inline-table; border-collapse: collapse;"> <tr> <td style="border: none;">Severity</td> <td style="border: none;">3</td> <td style="background-color: #FFC000; text-align: center;">3</td> <td style="background-color: #FFC000; text-align: center;">6</td> <td style="background-color: #FF0000; text-align: center;">9</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">2</td> <td style="background-color: #90EE90; text-align: center;">2</td> <td style="background-color: #FFC000; text-align: center;">4</td> <td style="background-color: #FF0000; text-align: center;">6</td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">1</td> <td style="background-color: #90EE90; text-align: center;">1</td> <td style="background-color: #90EE90; text-align: center;">2</td> <td style="background-color: #FFC000; text-align: center;">3</td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;"></td> <td style="border: none; text-align: center;">1</td> <td style="border: none; text-align: center;">2</td> <td style="border: none; text-align: center;">3</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;"></td> <td colspan="3" style="border: none; text-align: center;"><b>Likelihood</b></td> <td style="border: none;"></td> </tr> </table> <p><b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 <math>2 \times 3 = 6 =</math> Red, high risk</p> <p>Adequate control measures are required</p>					Severity	3	3	6	9		2	2	4	6			1	1	2	3					1	2	3				<b>Likelihood</b>																												
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<b>Control measures to be implemented</b>																																																																	
<input checked="" type="checkbox"/> All operatives have been trained <input checked="" type="checkbox"/> All operatives work to the "Safety at Street Works and Roadworks" Code of Practice <input checked="" type="checkbox"/> All overhead power lines disconnected if this is likely to be a problem <input checked="" type="checkbox"/> Delivery of materials to be as close to the work areas as is possible <input checked="" type="checkbox"/> Personal protective equipment is to be worn at all times during the works <input checked="" type="checkbox"/> All signage to be displayed as per the "Safety at Street Works and Roadworks" Code of Practice					<input checked="" type="checkbox"/> Operatives will be competent and trained in the safe use of vibrating equipment. <input checked="" type="checkbox"/> Regular checks will be made of all operatives to determine if there are any symptoms of 'vibration white finger'. Use gloves to keep hands warm and circulation good and take short breaks <input checked="" type="checkbox"/> Regular checks will be made on the bitumen boiler temperature and level <input checked="" type="checkbox"/> Where there is a danger of burns/ cuts then gloves shall be worn.																																																												
<b>Protective equipment / Systems</b>																																																																	
Type	Overalls	Permit	Gloves	Face mask	Harness	Hearing	High vis	Head	Eye	Feet																																																							
Required			✓				✓	✓		✓																																																							
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Completed by:		Sean Toomey CertIOSH MCIOB					Date:		01/07/2024																																																								
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

## Risk Assessment Excavators

<b>Address</b>	<b>INSERT ADDRESS</b>																																																	
<b>Work activity</b>	<b>Use of Excavators</b>																																																	
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																											
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																											
<b>Hazards identified</b>				<input checked="" type="checkbox"/> The worksite footing becomes unstable through erosion <input checked="" type="checkbox"/> Overstressing of the excavator and / or lifting heavy equipment <input checked="" type="checkbox"/> Contact with overhead power lines <input checked="" type="checkbox"/> Inadvertent or misapplication of the controls <input checked="" type="checkbox"/> Contact with persons, other vehicles and buildings <input checked="" type="checkbox"/> Failure during lifting																																														
<input checked="" type="checkbox"/> Identify Hazards below and Rate Risk before and after Controls Measures <input checked="" type="checkbox"/> Sub-standard equipment is delivered and used <input checked="" type="checkbox"/> Operator is not qualified or competent <input checked="" type="checkbox"/> Damage to underground services <input checked="" type="checkbox"/> Trapping of personnel between the counterweight and any fixed object																																																		
<b>Calculation of risk</b>																																																		
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>Severity</td><td>3</td><td>3</td><td>6</td><td>9</td></tr> <tr><td>2</td><td>2</td><td>4</td><td>6</td><td></td></tr> <tr><td>1</td><td>1</td><td>2</td><td>3</td><td></td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td></td></tr> <tr><td></td><td colspan="3"><b>Likelihood</b></td><td></td></tr> </table> <p><b>Example;</b> If S = 2 and L = 3 2 x 3 = 6 = Red, high risk</p> <p>Adequate control measures are required</p>					Severity	3	3	6	9	2	2	4	6		1	1	2	3			1	2	3			<b>Likelihood</b>																		
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<b>Control measures to be implemented</b>				<input checked="" type="checkbox"/> Copies of the Excavator Manufacturer's Operator Manual will be kept with the machine <input checked="" type="checkbox"/> Excavators will not be used unless it has a current Certificate of Thorough Examination <input checked="" type="checkbox"/> Lifting accessories will only be attached suitably tested anchor points – NOT THE BUCKET TEETH. <input checked="" type="checkbox"/> Excavators will be equipped with ROPS and seat restraint. <input checked="" type="checkbox"/> Rear view mirrors or other equipment must be in place to ensure maximum driver visibility. <input checked="" type="checkbox"/> Machine to be equipped flashing beacon <input checked="" type="checkbox"/> Other persons in the area are to be excluded from getting within 10 feet of the machine when it is in use <input checked="" type="checkbox"/> Thumbs up signal used by operatives in vicinity of machine																																														
<b>Protective equipment / Systems</b>																																																		
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																								
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Where there is a danger of dust then suitable respiratory equipment should be worn.																																																		
<b>Completed by:</b>		Sean Toomey CertIOSH MCIOB					<b>Date:</b>		01/07/2024																																									
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

## Risk Assessment Use of Excavator as Crane

<b>Address</b>	<b>INSERT ADDRESS</b>																																												
<b>Work activity</b>	<b>Use of Excavators as cranes</b>																																												
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																						
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																						
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<input checked="" type="checkbox"/> Overturning. <input checked="" type="checkbox"/> Contact with obstructions.					<input checked="" type="checkbox"/> Materials falling during lifting operations. <input checked="" type="checkbox"/> Failure of lifting gear or equipment.																																								
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<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: yellow;">1</td><td style="background-color: orange;">2</td><td style="background-color: red;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required																				
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<b>Control measures to be implemented</b>																																													
<input checked="" type="checkbox"/> Lifting operations will be organised and controlled by an 'Appointed Person', and will be carried out in accordance with the Lifting Operations and Lifting Equipment Regulations (LOLER) and BS 7121– a Lifting Plan will be prepared. <input checked="" type="checkbox"/> The Appointed Person will be responsible to ensure that inspections and maintenance of all lifting gear has been carried out. <input checked="" type="checkbox"/> The machine operator will be trained and competent, and be responsible for safe operation, daily maintenance and completion of records relating to the crane and lifting gear. <input checked="" type="checkbox"/> Slings/signallers will be adequately trained and competent, able to communicate clearly and be aware of their duties – certificates of training will be retained on site. They will be required to know the weight of materials to be raised before commencing a lift, and to ensure stability and security of loads.					<input checked="" type="checkbox"/> When working, the operator must ensure that no loads are lifted over persons at any time <input checked="" type="checkbox"/> The surface from which mobile crane is to operate will be prepared and checked to ensure stability. <input checked="" type="checkbox"/> Machinery and accessories used for lifting loads must be clearly marked with its safe working load (SWL) – this must not be exceeded. <input checked="" type="checkbox"/> If the machine operator cannot see the load during the whole of the lifting operation, an additional slinger / signaller or radio communication will be used. <input checked="" type="checkbox"/> A 600mm wide clearance should be provided whenever practicable between travelling and slewing cranes and any fixture (e.g. adjacent buildings, guardrails, access, etc.). If the clearance is not practicable, then access should be barred off. <input checked="" type="checkbox"/> Where reasonably practicable, the area covered by the lifting operation full swing arc of machine should be kept clear of other work operations, pedestrian access etc.																																								
<b>Protective equipment / Systems</b>																																													
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																			
<b>Required</b>			✓				✓	✓		✓																																			
<b>Symbol</b>																																													
<b>Notes and additional information</b>																																													
Where there is a danger of dust then suitable respiratory equipment should be worn.																																													
<b>Completed by:</b>		<b>Sean Toomey CertIOSH MCIQB</b>					<b>Date:</b>		<b>01/07/2024</b>																																				
<b>Read and understood by:</b>							<b>Date:</b>																																						











## Risk Assessment Dumper Trucks

<b>Address</b>	<b>INSERT ADDRESS</b>																																									
<b>Work activity</b>	<b>Use of Dumper Trucks</b>																																									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																			
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																			
<b>Hazards identified</b>																																										
<input checked="" type="checkbox"/> Substandard equipment is delivered and used <input checked="" type="checkbox"/> The Operator is not competent <input checked="" type="checkbox"/> The equipment is operated when it is unfit for use <input checked="" type="checkbox"/> Fall and possible overturning of equipment and subsequent crushing of Operator					<input checked="" type="checkbox"/> Unintentional movement of equipment <input checked="" type="checkbox"/> Overloading of the Dumper Skip causing the load to spill and the Dumper to become unstable <input checked="" type="checkbox"/> Trapping of personnel within the "crush area" Failure to provide adequate supervision																																					
<b>Calculation of risk</b>																																										
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: red;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: green;">2</td><td style="background-color: yellow;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: yellow;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>		3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 =$ Red, high risk		Adequate control measures are required																
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<b>Control measures to be implemented</b>																																										
<input checked="" type="checkbox"/> Staff to check the machine before use and record the inspection on the correct forms and report any faults immediately to Management <input checked="" type="checkbox"/> Only Operators who have the approved certification (renewed every 5 years) allowed to drive machinery. <input checked="" type="checkbox"/> Stop Boards and marker boards must be used. The use of trained Banksmen may be necessary in some cases. Do not use equipment if there is no roll bar fitted <input checked="" type="checkbox"/> Operator to wear a seat belt when travelling					<input checked="" type="checkbox"/> The Driver will not remain on the vehicle whilst the skip is being loaded. The engine must be turned off, and the controls in neutral and the handbrake firmly applied. The key should also be removed the load must never be high enough to impair forward vision, or in the sides of the skip to prevent spill of the load which could cause injury or instability. <input checked="" type="checkbox"/> No personnel are allowed into the "crush area". <input checked="" type="checkbox"/> Operator must not leave the vehicle whilst the engine is running <input checked="" type="checkbox"/> Abide to speed limits.																																					
<b>Protective equipment / Systems</b>																																										
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																
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## Risk Assessment Fork Lift Trucks

<b>Address</b>	<b>INSERT ADDRESS</b>																																																																																			
<b>Work activity</b>	<b>Fork lift trucks</b>																																																																																			
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																																																													
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																																																													
<b>Hazards identified</b>																																																																																				
<input checked="" type="checkbox"/> Unauthorised use of fork lift truck by untrained operators <input checked="" type="checkbox"/> Unable to see ahead when fully loaded <input checked="" type="checkbox"/> Brakes fail / other mechanical / ancillary parts of fork lift truck fail whilst in use <input checked="" type="checkbox"/> Burns / splashes in the eye from sulphuric acid when filling batteries with de-ionised water				<input checked="" type="checkbox"/> Overturning of fork lift truck on uneven ground <input checked="" type="checkbox"/> Explosion and fire from flammable gasses (hydrogen gas given off during charging) <input checked="" type="checkbox"/> Failure to check fork lift truck before use <input checked="" type="checkbox"/> Collision with other vehicles, staff members whilst unloading lorry <input checked="" type="checkbox"/> Collision with pedestrians																																																																																
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<input checked="" type="checkbox"/> Only authorised drivers trained to the Approved Code of Practice (L117) Guidelines to use FLT <input checked="" type="checkbox"/> Travel in reverse if unable to see ahead because of load <input checked="" type="checkbox"/> Ensure the fork lift truck is regularly serviced and maintained <input checked="" type="checkbox"/> Provision of signs by battery charger "Wear safety goggles" - Supervisor to ensure compliance				<input checked="" type="checkbox"/> Use seat belt if fitted. Ensure continued integrity of roll bars. Repair holes in floors at once <input checked="" type="checkbox"/> Post "No smoking" – "No naked flames" near battery charger. Ensure adequate ventilation <input checked="" type="checkbox"/> Daily and pre-use inspection of FLT mast, chain linkage, forks, brakes, lights, wheels, oil <input checked="" type="checkbox"/> Keys to be removed FLT when not in use <input checked="" type="checkbox"/> Wear high visibility vests in area where FLT's operate when light conditions are poor																																																																																
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## Risk Assessment Compressor and Breaker











<b>Address</b>	<b>INSERT ADDRESS</b>																																								
<b>Work activity</b>	<b>The use of Compressor and Breaker</b>																																								
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																		
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<input checked="" type="checkbox"/> Electricity <input checked="" type="checkbox"/> Hand / arm vibration syndrome (HAVS) <input checked="" type="checkbox"/> Vibration white finger (Reportable disease under RIDDOR)				<input checked="" type="checkbox"/> Tripping over cables and hoses <input checked="" type="checkbox"/> Noise levels in excess of 85 dB(A) <input checked="" type="checkbox"/> Hit by other vehicles																																					
<b>Calculation of risk</b>																																									
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>		3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 =$ Red, high risk		Adequate control measures are required															
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<b>Control measures to be implemented</b>																																									
<input checked="" type="checkbox"/> Segregate area with barriers <input checked="" type="checkbox"/> Operatives to be trained and supervised <input checked="" type="checkbox"/> Only use a tool that is appropriate to the task or operation. <input checked="" type="checkbox"/> Operatives must not exceed the manufacturer's recommended period of time on the tool. <input checked="" type="checkbox"/> Tools must be regularly maintained. The sharpness of the bit is particularly important to avoid undue grip and pressure. <input checked="" type="checkbox"/> Trailing hoses to be kept to a minimum as a trip hazard <input checked="" type="checkbox"/> Release the pressure once task is complete <input checked="" type="checkbox"/> Wear goggles for flying objects				<input checked="" type="checkbox"/> Hearing protection to be worn by operative and anyone standing nearby. <input checked="" type="checkbox"/> Gloves to be worn (will also assist with hand warmth). <input checked="" type="checkbox"/> Operatives must be kept warm. <input checked="" type="checkbox"/> Smokers are more at risk than non-smokers. <input checked="" type="checkbox"/> All operatives are to be briefed on the symptoms of vibration white finger. <input checked="" type="checkbox"/> Symptoms should be reported to the supervisor without delay. <input checked="" type="checkbox"/> Operatives experiencing symptoms to be temporarily placed on other work, or have periods of duration on such tools reduced.																																					
<b>Protective equipment / Systems</b>																																									
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																															
<b>Required</b>			✓			✓	✓	✓	✓	✓																															
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<b>Completed by:</b>		Sean Toomey CertIOSH MCIQB				<b>Date:</b>		01/07/2024																																	
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## Risk Assessment Power Tools











<b>Address</b>	<b>INSERT ADDRESS</b>																																								
<b>Work activity</b>	<b>The use of power tools</b>																																								
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																		
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																		
<b>Hazards identified</b>																																									
<input checked="" type="checkbox"/> Electricity <input checked="" type="checkbox"/> Hand / arm vibration syndrome (HAVS) <input checked="" type="checkbox"/> Vibration white finger (Reportable disease under RIDDOR)				<input checked="" type="checkbox"/> Tripping over cables and hoses <input checked="" type="checkbox"/> Noise levels in excess of 85 dB(A)																																					
<b>Calculation of risk</b>																																									
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>		3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 =$ Red, high risk		Adequate control measures are required															
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<b>Control measures to be implemented</b>																																									
<input checked="" type="checkbox"/> Only use a tool that is appropriate to the task or operation. <input checked="" type="checkbox"/> Operatives must not exceed the manufacturer's recommended period of time on the tool. <input checked="" type="checkbox"/> Electric supply to be in good order and inspected <input checked="" type="checkbox"/> All tools to be PAT tested <input checked="" type="checkbox"/> Tools must be regularly maintained. The sharpness of the bit is particularly important to avoid undue grip and pressure. <input checked="" type="checkbox"/> Trailing cables and hoses to be kept to a minimum				<input checked="" type="checkbox"/> Hearing protection to be worn by operative and anyone standing nearby. <input checked="" type="checkbox"/> Gloves to be worn (will also assist with hand warmth). <input checked="" type="checkbox"/> Operatives must be kept warm. <input checked="" type="checkbox"/> Smokers are more at risk than non-smokers. <input checked="" type="checkbox"/> All operatives are to be briefed on the symptoms of vibration white finger. <input checked="" type="checkbox"/> Symptoms should be reported to the supervisor without delay. <input checked="" type="checkbox"/> Operatives experiencing symptoms to be temporarily placed on other work, or have periods of duration on such tools reduced.																																					
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

## Risk Assessment Roller

<b>Address</b>	<b>INSERT ADDRESS</b>																																														
<b>Work activity</b>	<b>Use of rollers</b>																																														
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																								
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																								
<b>Hazards identified</b>																																															
<input checked="" type="checkbox"/> Unloading / loading of equipment <input checked="" type="checkbox"/> Crushing feet. <input checked="" type="checkbox"/> Out-of-control equipment					<input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> Vibration <input checked="" type="checkbox"/> Defective Equipment																																										
<b>Severity</b>			<b>Likelihood</b>			<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: red;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: yellow;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: green;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td style="text-align: center;">1</td><td style="text-align: center;">2</td><td style="text-align: center;">3</td></tr> </table>				3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 $2 \times 3 = 6 =$ Red, high risk			Adequate control measures are required																		
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<b>Before controls</b> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: red;">X</td><td style="background-color: red;">6</td></tr> <tr><td>2</td><td style="background-color: green;">2</td><td style="background-color: yellow;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: green;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td style="text-align: center;">1</td><td style="text-align: center;">2</td><td style="text-align: center;">3</td></tr> </table>			3	3	X	6	2	2	4	6	1	1	2	3		1	2	3	<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  $3 \times 2 = 6 =$ Red = High risk			<b>After controls</b> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: red;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: green;">2</td><td style="background-color: yellow;">X</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: green;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td style="text-align: center;">1</td><td style="text-align: center;">2</td><td style="text-align: center;">3</td></tr> </table>				3	3	6	9	2	2	X	6	1	1	2	3		1	2	3	<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  $2 \times 2 = 4 =$ Yellow = Medium risk			Adequate control measures as described below have been put in place but a degree of risk still exists which cannot be controlled.		
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2	2	X	6																																												
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	1	2	3																																												
<b>Control measures to be implemented</b>																																															
<input checked="" type="checkbox"/> Delivery vehicle / trailer to be securely parked and supported during loading / unloading operations, and adequate ramps used. <input checked="" type="checkbox"/> Operator to be competent and trained <input checked="" type="checkbox"/> Safety footwear to be worn by all persons in the vicinity, but keep the working area segregated from the public. <input checked="" type="checkbox"/> Dead-Man's handle to be fitted. Only trained, authorised operators will be able to drive a Vibrating Roller					<input checked="" type="checkbox"/> Machine is to be used under power when working both up and down slopes and be securely chocked / immobilised and on level ground when unattended. <input checked="" type="checkbox"/> Ear defenders to be worn as necessary. <input checked="" type="checkbox"/> Gloves to be worn, and machine fitted with anti-vibration handgrips or other equivalent controls. Keep warm when the weather is cold. <input checked="" type="checkbox"/> Whole body vibration usage times to be known and monitored <input checked="" type="checkbox"/> Plant must have evidence of a thorough examination by a competent person within the previous 12 months. This evidence must be on site.																																										
<b>Protective equipment / Systems</b>																																															
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																					
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

## Risk Assessment Use of Compaction Plate

<b>Address</b>	<b>INSERT ADDRESS</b>																																				
<b>Work activity</b>	<b>Use of compaction plate</b>																																				
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																														
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																														
<b>Hazards identified</b>																																					
<input checked="" type="checkbox"/> Unloading / loading of equipment <input checked="" type="checkbox"/> Crushing feet. <input checked="" type="checkbox"/> Out-of-control equipment <input checked="" type="checkbox"/> Fire					<input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> Vibration <input checked="" type="checkbox"/> Defective Equipment <input checked="" type="checkbox"/> Environmental damage																																
<b>Severity</b>			<b>Likelihood</b>			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required												
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<b>Before controls</b> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">X</td><td style="background-color: red;">X</td></tr> <tr><td>2</td><td style="background-color: yellow;">X</td><td style="background-color: red;">X</td></tr> <tr><td>1</td><td style="background-color: green;">X</td><td style="background-color: yellow;">X</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	X	X	2	X	X	1	X	X		1	2	3	<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  $3 \times 2 = 6 =$ Red = High risk  Adequate control measures are required to be put into place			<b>After controls</b> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">X</td><td style="background-color: red;">X</td></tr> <tr><td>2</td><td style="background-color: yellow;">X</td><td style="background-color: red;">X</td></tr> <tr><td>1</td><td style="background-color: green;">X</td><td style="background-color: yellow;">X</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	X	X	2	X	X	1	X	X		1	2	3	<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  $2 \times 2 = 4 =$ Yellow = Medium risk Adequate control measures as described below have been put in place but a degree of risk still exists which cannot be controlled.		
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	1	2	3																																		
<b>Control measures to be implemented</b>																																					
<input checked="" type="checkbox"/> Operator to be competent and trained <input checked="" type="checkbox"/> Safety footwear to be worn by all persons in the vicinity, but keep the working area segregated from the public. <input checked="" type="checkbox"/> Manual handling of compaction plate to put in position for use to be planned					<input checked="" type="checkbox"/> Ear defenders to be worn as necessary. <input checked="" type="checkbox"/> Gloves to be worn, and machine fitted with anti-vibration handgrips or other equivalent controls. Keep warm when the weather is cold. <input checked="" type="checkbox"/> Vibration usage times to be known and monitored <input checked="" type="checkbox"/> When refuelling ensure a fire extinguisher and spill kit are available. Use of drip tray																																
<b>Protective equipment / Systems</b>																																					
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																											
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<b>Read and understood by:</b>							<b>Date:</b>																														











## Risk Assessment Disc-cutter

<b>Address</b>	<b>INSERT ADDRESS</b>																																												
<b>Work activity</b>	<b>Abrasive wheels</b>																																												
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																						
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment	✓	PPE	✓	Permit to work																																						
<b>Hazards identified</b>																																													
<input checked="" type="checkbox"/> Operatives being injured by contact with the wheel <input checked="" type="checkbox"/> Operatives or bystanders being injured by disintegration (bursting) of the wheel <input checked="" type="checkbox"/> Abrasive particles causing eye injuries					<input checked="" type="checkbox"/> Damage to hearing from exposure to noise <input checked="" type="checkbox"/> Vibration white finger (note: reportable disease) <input checked="" type="checkbox"/> Health hazards arising from exposure to dust and abrasive particles																																								
<b>Calculation of risk</b>																																													
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: yellow;">1</td><td style="background-color: orange;">2</td><td style="background-color: red;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required																				
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<b>Control measures to be implemented</b>																																													
<input checked="" type="checkbox"/> Trained competent operatives only will use abrasive wheels equipment. <input checked="" type="checkbox"/> Only trained, certificated and authorised persons will mount abrasive wheels. <input checked="" type="checkbox"/> Suitable abrasive wheels will be selected for each work process. <input checked="" type="checkbox"/> Machines, onto which abrasive wheels are to be mounted, will be properly maintained, marked with spindle speed and not misused. <input checked="" type="checkbox"/> Abrasive wheel machines will not be used unless suitable guards are fitted to contain fragments of a bursting wheel. <input checked="" type="checkbox"/> The area in which the equipment is to be used will be clear and free from obstructions. <input checked="" type="checkbox"/> All operatives and bystanders, where abrasive wheels are used, will wear suitable eye protection.					<input checked="" type="checkbox"/> Noise will be reduced to the lowest possible level and where action levels of 85 dB(A) are likely to be reached, assessments will be conducted, information given to all persons likely to be affected, ear protection provided, which must be worn when required. <input checked="" type="checkbox"/> Tools producing high levels of vibration are to have padded handles to reduce risks of vibration white finger (VWF). <input checked="" type="checkbox"/> Operatives to wear gloves in cold weather to reduce VWF. <input checked="" type="checkbox"/> A separate COSHH assessment will be carried out where dust is likely to be a hazard to health, and suitable personal protective equipment (PPE) will be provided and worn. <input checked="" type="checkbox"/> For further guidance refer to HSG17. <input checked="" type="checkbox"/> Follow Permit to Cut if required by client.																																								
<b>Protective equipment / Systems</b>																																													
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																			
<b>Required</b>		✓		✓		✓	✓	✓	✓	✓																																			
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<b>Completed by:</b>		<b>Sean Toomey CertIOSH MCIOB</b>				<b>Date:</b>		<b>01/07/2024</b>																																					
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


## Risk Assessment Concrete Poker

<b>Address</b>	<b>INSERT ADDRESS</b>																																												
<b>Work activity</b>	<b>Concrete Poker</b>																																												
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																																						
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																						
<b>Hazards identified</b>																																													
<input checked="" type="checkbox"/> Out-of-control equipment <input checked="" type="checkbox"/> Manual handling <input checked="" type="checkbox"/> Cement					<input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> Vibration <input checked="" type="checkbox"/> Defective Equipment																																								
<b>Severity</b>			<b>Likelihood</b>			<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td style="text-align: center;">3</td><td style="background-color: yellow;">3</td><td style="background-color: orange;">6</td><td style="background-color: red;">9</td></tr> <tr><td style="text-align: center;">2</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">4</td><td style="background-color: red;">6</td></tr> <tr><td style="text-align: center;">1</td><td style="background-color: green;">1</td><td style="background-color: yellow;">2</td><td style="background-color: orange;">3</td></tr> <tr><td></td><td style="text-align: center;">1</td><td style="text-align: center;">2</td><td style="text-align: center;">3</td></tr> </table>				3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b>																			
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<b>Before controls</b>			<b>Green: Low risk</b>			<b>After controls</b>				<b>Green: Low risk</b>																																			
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Adequate control measures are required to be put into place																																													
<b>Control measures to be implemented</b>																																													
<input checked="" type="checkbox"/> Operator to be competent and trained <input checked="" type="checkbox"/> Operative to wear gloves and goggles if liable to splash cement <input checked="" type="checkbox"/> Wash off any contact with cement <input checked="" type="checkbox"/> Assess manual handling if working at height					<input checked="" type="checkbox"/> Ear defenders to be worn as necessary. <input checked="" type="checkbox"/> Gloves to be worn, <input checked="" type="checkbox"/> Vibration usage times to be known and monitored <input checked="" type="checkbox"/> Rotate operatives if vibration time is going to be exceeded																																								
<b>Protective equipment / Systems</b>																																													
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																			
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


## Risk Assessment Ladders

Address	<b>INSERT ADDRESS</b>																																												
Work activity	<b>Work involving ladders</b>																																												
Persons at risk	Employee	✓	General public	✓	Others		Client personnel																																						
Supporting requirements	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																						
<b>Hazards identified</b>																																													
<input checked="" type="checkbox"/> Falling from height <input checked="" type="checkbox"/> Dropping materials <input checked="" type="checkbox"/> Ladder falling					<input checked="" type="checkbox"/> Defective equipment																																								
<b>Calculation of risk</b>																																													
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: red;">3</td><td style="background-color: red;">6</td><td style="background-color: red;">9</td></tr> <tr><td>2</td><td style="background-color: yellow;">2</td><td style="background-color: yellow;">4</td><td style="background-color: red;">6</td></tr> <tr><td>1</td><td style="background-color: green;">1</td><td style="background-color: green;">2</td><td style="background-color: yellow;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> Likelihood			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> <b>If S = 2 and L = 3</b> <b>2 x 3 = 6 = Red, high risk</b>  Adequate control measures are required																				
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<b>Before controls</b> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;"></td><td style="background-color: red;"></td><td style="background-color: red;">X</td></tr> <tr><td>2</td><td style="background-color: yellow;"></td><td style="background-color: yellow;"></td><td style="background-color: red;"></td></tr> <tr><td>1</td><td style="background-color: green;"></td><td style="background-color: green;"></td><td style="background-color: yellow;"></td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> Likelihood			3			X	2				1					1	2	3	<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  3 x 3 = 9 = Red = High risk  Adequate control measures are required to be put into place			<b>After controls</b> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: yellow;"></td><td style="background-color: red;"></td><td style="background-color: red;"></td></tr> <tr><td>2</td><td style="background-color: green;"></td><td style="background-color: yellow;">X</td><td style="background-color: red;"></td></tr> <tr><td>1</td><td style="background-color: green;"></td><td style="background-color: green;"></td><td style="background-color: yellow;"></td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> Likelihood			3				2		X		1					1	2	3	<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b> 2 x 2 = 4 = Yellow = Medium risk Adequate control measures as described below have been put in place but a degree of risk still exists which cannot be controlled.				
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2		X																																											
1																																													
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<b>Control measures to be implemented</b>																																													
<input checked="" type="checkbox"/> Use of ladder is for short duration or access only <input checked="" type="checkbox"/> Ladder is to be tied off at the top <input checked="" type="checkbox"/> Class 1 Industrial Heavy-duty (or Class 2 where Light Trade) ladders will only be permitted to be used and must be free from defects. <input checked="" type="checkbox"/> Ladders will carry an identification mark and be inspected before use and by a competent person every 3 months. <input checked="" type="checkbox"/> Ladders will be set on a firm level base, at an angle of 75% (1:4) at the base and prevented from sagging or swaying. <input checked="" type="checkbox"/> Ladders will extend well above a landing unless other adequate hand holds are available and must not rest against surfaces that can move or are fragile. <input checked="" type="checkbox"/> If a vertical ladder is over 9 metres, an intermediate landing will be provided. <input checked="" type="checkbox"/> Ladder defects should be reported immediately.					<input checked="" type="checkbox"/> Only one person will be on a ladder at any time. <input checked="" type="checkbox"/> A three-point contact should be kept with the ladder always. <input checked="" type="checkbox"/> Heavy loads must not be carried either climbing or descending a ladder. <input checked="" type="checkbox"/> Tools requiring two hands to operate must not be used from a ladder. <input checked="" type="checkbox"/> Operatives working from a ladder must not overreach or "jump" the ladder to reposition it. <input checked="" type="checkbox"/> Ladders will not be erected off tower scaffolds or trestles. <input checked="" type="checkbox"/> Ladders left standing after working hours will be boarded or removed to prevent unauthorised use. <input checked="" type="checkbox"/> Where it is not practicable to secure a ladder over 3 metres in height, it must be properly footed. <input checked="" type="checkbox"/> All ladders used as a means of access between places of work must be properly tied in. <input checked="" type="checkbox"/> Only trained authorised persons are permitted to use ladders.																																								
<b>Protective equipment / Systems</b>																																													
Type	Overalls	Permit	Gloves	Face mask	Harness	Hearing	High vis	Head	Eye	Feet																																			
Required							✓	✓		✓																																			
Symbol																																													
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Completed by:		Sean Toomey CertIOSH MCI OB					Date:		01/07/2024																																				
Read and understood by:							Date:																																						











## Risk Assessment Temporary Works

<b>Address</b>	<b>INSERT ADDRESS</b>																																			
<b>Work activity</b>	<b>Temporary Works</b>																																			
<b>Persons at risk</b>	Employee	✓	General public	✓	Others		Client personnel																													
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																													
<b>Hazards identified</b>																																				
<input checked="" type="checkbox"/> Manual handling / pulled / strained muscles <input checked="" type="checkbox"/> Exposure to hazardous substances – dust and asbestos <input checked="" type="checkbox"/> Structural collapse					<input checked="" type="checkbox"/> Slips, trips, falls <input checked="" type="checkbox"/> Flying debris / particles <input checked="" type="checkbox"/> Falling stone / brickwork <input checked="" type="checkbox"/> Overturning site plant																															
<b>Calculation of risk</b>																																				
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FF0000;">3</td><td style="background-color: #FF0000;">6</td><td style="background-color: #FF0000;">9</td></tr> <tr><td>2</td><td style="background-color: #FFFF00;">2</td><td style="background-color: #FFFF00;">4</td><td style="background-color: #FFFF00;">6</td></tr> <tr><td>1</td><td style="background-color: #00FF00;">1</td><td style="background-color: #00FF00;">2</td><td style="background-color: #00FF00;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>		3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 = \text{Red, high risk}$			Adequate control measures are required									
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3	X	X																																		
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1	X	X																																		
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3	X	X																																		
2	X	X																																		
1	X	X																																		
	1	2	3																																	
<b>Control measures to be implemented</b>																																				
<input checked="" type="checkbox"/> Operatives to be trained <input checked="" type="checkbox"/> Designed by a temporary works engineer <input checked="" type="checkbox"/> Permit to work in place to load temporary propping <input checked="" type="checkbox"/> Compaction tests carried out before loading vehicle stone bases/mats <input checked="" type="checkbox"/> Operatives to wear helmets safety footwear and gloves when installing propping					<input checked="" type="checkbox"/> Equipment to be in good order and inspected <input checked="" type="checkbox"/> Fence off area from unauthorised personnel <input checked="" type="checkbox"/> Isolate any services in vicinity of works <input checked="" type="checkbox"/> Scaffold towers and MEWPs used for working at height <input checked="" type="checkbox"/> Temporary propping to be planned and installed by competent persons																															
<b>Protective equipment / Systems</b>																																				
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																										
<b>Required</b>			✓				✓	✓	✓	✓																										
<b>Symbol</b>																																				
<b>Notes and additional information</b>																																				
Wear a face mask if dust levels are likely to be a problem																																				
<b>Completed by:</b>			Sean Toomey CertIOSH MCIQB				<b>Date:</b>		01/07/2024																											
<b>Read and understood by:</b>							<b>Date:</b>																													

## Risk Assessment Sharp Knives











Address	<b>INSERT ADDRESS</b>																																				
Work activity	<b>Use of Sharp Knives</b>																																				
Persons at risk	Employee	✓	General public	✓	Others		Client personnel																														
	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																														
<b>Hazards identified</b> <input checked="" type="checkbox"/> Cut or laceration <input checked="" type="checkbox"/> Exposure to flying materials – broken blade																																					
<b>Calculation of risk</b>																																					
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FF0000;">3</td><td style="background-color: #FF0000;">6</td><td style="background-color: #FF0000;">9</td></tr> <tr><td>2</td><td style="background-color: #FFFF00;">2</td><td style="background-color: #FFFF00;">4</td><td style="background-color: #FFFF00;">6</td></tr> <tr><td>1</td><td style="background-color: #00FF00;">1</td><td style="background-color: #00FF00;">2</td><td style="background-color: #00FF00;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> <p><b>Example;</b> If S = 2 and L = 3 2 x 3 = 6 = Red, high risk</p> <p>Adequate control measures are required</p>				3	3	6	9	2	2	4	6	1	1	2	3		1	2	3												
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<b>Before controls</b> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FFFF00;">3</td><td style="background-color: #FF0000;">X</td><td style="background-color: #FF0000;">9</td></tr> <tr><td>2</td><td style="background-color: #00FF00;">2</td><td style="background-color: #FFFF00;">4</td><td style="background-color: #FF0000;">6</td></tr> <tr><td>1</td><td style="background-color: #00FF00;">1</td><td style="background-color: #00FF00;">2</td><td style="background-color: #FFFF00;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> <p><b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b></p> <p>3 x 2 = 6 = Red = High risk</p> <p>Adequate control measures are required to be put into place</p>			3	3	X	9	2	2	4	6	1	1	2	3		1	2	3	<b>After controls</b> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FFFF00;">3</td><td style="background-color: #FF0000;">6</td><td style="background-color: #FF0000;">9</td></tr> <tr><td>2</td><td style="background-color: #FF0000;">X</td><td style="background-color: #FFFF00;">4</td><td style="background-color: #FF0000;">6</td></tr> <tr><td>1</td><td style="background-color: #00FF00;">1</td><td style="background-color: #00FF00;">2</td><td style="background-color: #FFFF00;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> <p><b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b></p> <p>2 x 1 = 2 = Green = Low risk</p> <p>Adequate control measures as described below have been put in place but a degree of risk still exists which cannot be controlled.</p>			3	3	6	9	2	X	4	6	1	1	2	3		1	2	3
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1	1	2	3																																		
	1	2	3																																		
<b>Control measures to be implemented</b> <input checked="" type="checkbox"/> Operatives to be trained <input checked="" type="checkbox"/> Equipment to be in good order and inspected <input checked="" type="checkbox"/> Operatives to wear safety gloves and eye protection when cutting																																					
<b>Protective equipment / Systems</b>																																					
Type	Overalls	Permit	Gloves	Face mask	Harness	Hearing	High vis	Head	Eye	Feet																											
Required			✓				✓	✓	✓	✓																											
Symbol																																					
<b>Notes and additional information</b>																																					
Wear a face mask if dust levels are likely to be a problem.																																					
Completed by:		Sean Toomey CertIOSH MCIQB				Date:		01/07/2024																													
Read and understood by:						Date:																															

## Risk Assessment External Block Paving











Address	<b>INSERT ADDRESS</b>																																										
Work activity	<b>General bricklaying and block laying</b>																																										
Persons at risk	Employee	✓	General public	✓	Others	✓	Client personnel																																				
	Supporting requirements	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																			
<b>Hazards identified</b>																																											
<input checked="" type="checkbox"/> Cuts and abrasions <input checked="" type="checkbox"/> Contact with wet cement (alkali burns) <input checked="" type="checkbox"/> Inhalation of dust from cement powder and / or cutting concrete blocks					<input checked="" type="checkbox"/> Flying debris from disc cutters <input checked="" type="checkbox"/> Back injuries and manual handling <input checked="" type="checkbox"/> Falls from heights <input checked="" type="checkbox"/> Exposure to adverse weather conditions (hot / cold) <input checked="" type="checkbox"/> Hand Arm Vibration (HAVS)																																						
<b>Calculation of risk</b>																																											
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; text-align: center;"> <tr><td>3</td><td>3</td><td>6</td><td>9</td></tr> <tr><td>2</td><td>2</td><td>4</td><td>6</td></tr> <tr><td>1</td><td>1</td><td>2</td><td>3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> <b>Severity</b> <b>Likelihood</b>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required																		
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<b>Before controls</b> <table border="1" style="display: inline-table; text-align: center;"> <tr><td>3</td><td></td><td>X</td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> <tr><td>1</td><td></td><td></td><td></td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> <b>Severity</b> <b>Likelihood</b>			3		X		2				1					1	2	3	<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  $3 \times 2 = 6 =$ Red = High risk  Adequate control measures are required to be put into place			<b>After controls</b> <table border="1" style="display: inline-table; text-align: center;"> <tr><td>3</td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td>X</td><td></td></tr> <tr><td>1</td><td></td><td></td><td></td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table> <b>Severity</b> <b>Likelihood</b>			3				2		X		1					1	2	3	<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  $2 \times 2 = 4 =$ Yellow = Medium risk Adequate control measures as described below have been put in place but a degree of risk still exists which cannot be controlled.		
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<b>Control measures to be implemented</b>																																											
<input checked="" type="checkbox"/> When handling rough bricks gloves should be worn <input checked="" type="checkbox"/> Keep handling of wet cement / mortar to a minimum <input checked="" type="checkbox"/> When mixing powdered cement / or cutting blocks a face mask should be worn <input checked="" type="checkbox"/> When using cutting discs goggles and hearing protection must be worn <input checked="" type="checkbox"/> Use water suppression when cutting blocks or stone					<input checked="" type="checkbox"/> The correct manual handling techniques should be used when carrying heavy weights <input checked="" type="checkbox"/> Before commencing laying always ensure that there is a safe working area to work in <input checked="" type="checkbox"/> On no account should guardrails be removed whilst working at height <input checked="" type="checkbox"/> Correct clothing and PPE to be worn at all times to protect the skin from harmful ultra-violet rays <input checked="" type="checkbox"/> Ear defenders to be worn as necessary. <input checked="" type="checkbox"/> Gloves to be worn, <input checked="" type="checkbox"/> Vibration usage times to be known and monitored <input checked="" type="checkbox"/> Rotate operatives if vibration time is going to be exceeded																																						
<b>Protective equipment / Systems</b>																																											
Type	Overalls	Permit	Gloves	Face mask	Harness	Hearing	High vis	Head	Eye	Feet																																	
Required			✓	✓		✓	✓	✓	✓	✓																																	
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Face mask is to be worn if dust is being created																																											
Completed by:		Sean Toomey CertIOSH MCIQB				Date:		01/07/2024																																			
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


## Risk Assessment Muckshift and Stockpiles

<b>Address</b>	<b>INSERT ADDRESS</b>																																							
<b>Work activity</b>	<b>Muckshift which includes Excavating Stockpiles</b>																																							
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																	
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																	
<b>Hazards identified</b>																																								
<input checked="" type="checkbox"/> Collapse of unsupported excavations. <input checked="" type="checkbox"/> Materials falling onto people working in the excavation. <input checked="" type="checkbox"/> People and vehicles falling into the excavation. <input checked="" type="checkbox"/> People being struck by plant. <input checked="" type="checkbox"/> Plant falling off stockpile <input checked="" type="checkbox"/> Mud on roads				<input checked="" type="checkbox"/> Undermining nearby structures. <input checked="" type="checkbox"/> Contact with underground services. <input checked="" type="checkbox"/> Access to the excavation. <input checked="" type="checkbox"/> Contaminated ground fumes and gases. <input checked="" type="checkbox"/> Accidents to members of the public <input checked="" type="checkbox"/> Grab Lorry making contact with overhead power lines.																																				
<b>Calculation of risk</b>																																								
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death		<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable		<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #ffff00;">3</td><td style="background-color: #ff0000;">6</td><td style="background-color: #ff0000;">9</td></tr> <tr><td>2</td><td style="background-color: #00ff00;">2</td><td style="background-color: #ffff00;">4</td><td style="background-color: #ff0000;">6</td></tr> <tr><td>1</td><td style="background-color: #00ff00;">1</td><td style="background-color: #00ff00;">2</td><td style="background-color: #ffff00;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If <b>S</b> = 2 and <b>L</b> = 3 $2 \times 3 = 6 = \text{Red, high risk}$  Adequate control measures are required																	
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<b>Before controls</b> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #ffff00;">3</td><td style="background-color: #ff0000;">6</td><td style="background-color: #ff0000;">9</td></tr> <tr><td>2</td><td style="background-color: #ffff00;">2</td><td style="background-color: #ff0000;">4</td><td style="background-color: #ff0000;">6</td></tr> <tr><td>1</td><td style="background-color: #00ff00;">1</td><td style="background-color: #00ff00;">2</td><td style="background-color: #ffff00;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>				3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>After controls</b> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #ffff00;">3</td><td style="background-color: #ff0000;">6</td><td style="background-color: #ff0000;">9</td></tr> <tr><td>2</td><td style="background-color: #00ff00;">2</td><td style="background-color: #ff0000;">4</td><td style="background-color: #ff0000;">6</td></tr> <tr><td>1</td><td style="background-color: #00ff00;">1</td><td style="background-color: #00ff00;">2</td><td style="background-color: #ffff00;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>					3	3	6	9	2	2	4	6	1	1	2	3		1	2	3
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<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  $3 \times 3 = 9 = \text{Red} = \text{High risk}$  Adequate control measures are required to be put into place				<b>Green: Low risk</b> <b>Yellow: Medium risk</b> <b>Red: High risk</b>  $2 \times 2 = 4 = \text{Yellow} = \text{Medium risk}$  Adequate control measures as described below have been put in place but a degree of risk still exists which cannot be controlled.																																				
<b>Control measures to be implemented</b>																																								
<input checked="" type="checkbox"/> Work shall be supervised and carried out by competent people, who will be given clear instruction and information in accordance with HSG47. <input checked="" type="checkbox"/> Check plans and surfaces for obvious signs of underground services. <input checked="" type="checkbox"/> Unless the excavation can be battered to a safe slope, the sides will need supporting to prevent the possibility of collapse. Operatives shall not go into unsupported excavations or work ahead of the support. <input checked="" type="checkbox"/> Rigid barriers must protect the edges of all excavations, where anyone might fall and be injured, or, alternatively, excavations must be securely covered - back filled as soon as practicable (refer to Work at Height RA). <input checked="" type="checkbox"/> Fence off all excavations in public places to prevent pedestrians and vehicles falling into them.				<input checked="" type="checkbox"/> Any excavation used as a place of work must be inspected: at the start of each shift before work begins; after any event likely to have affected the strength or stability of the excavation; and after any accidental fall of rock, earth or other material. A written report should be made after most inspections. <input checked="" type="checkbox"/> Competent and authorised operators shall use excavators and other plant. <input checked="" type="checkbox"/> A detailed survey and method statement will be required to control works in contaminated ground. <input checked="" type="checkbox"/> Only excavators are to ever be on stockpiles. <input checked="" type="checkbox"/> Roadbrush to accompany all muckshifts. <input checked="" type="checkbox"/> Overhead powerlines within the working area to be goal posted and grab lorry operative made fully aware of the risk. <input checked="" type="checkbox"/> Stockpiles to be away from overhead power lines.																																				
<b>Protective equipment / Systems</b>																																								
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																														
<b>Required</b>			✓				✓	✓		✓																														
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<b>Read and understood by:</b>						<b>Date:</b>																																		

## Risk Assessment Water Pump

<b>Address</b>	<b>INSERT ADDRESS</b>																																										
<b>Work activity</b>	<b>Water Pump Use</b>																																										
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																				
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																				
<b>Hazards identified</b>																																											
<input checked="" type="checkbox"/> Electrical Hazards <input checked="" type="checkbox"/> Water Contamination <input checked="" type="checkbox"/> Slip, trip and fall <input checked="" type="checkbox"/> Flooding					<input checked="" type="checkbox"/> Back injuries and manual handling <input checked="" type="checkbox"/> Falls from heights <input checked="" type="checkbox"/> Exposure to adverse weather conditions (hot / cold) <input checked="" type="checkbox"/> Noise																																						
<b>Calculation of risk</b>																																											
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FFD700;">3</td><td style="background-color: #FF0000;">6</td><td style="background-color: #FF0000;">9</td></tr> <tr><td>2</td><td style="background-color: #90EE90;">2</td><td style="background-color: #FFD700;">4</td><td style="background-color: #FF0000;">6</td></tr> <tr><td>1</td><td style="background-color: #90EE90;">1</td><td style="background-color: #90EE90;">2</td><td style="background-color: #FFD700;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 $2 \times 3 = 6 =$ Red, high risk  Adequate control measures are required																		
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<b>Control measures to be implemented</b>																																											
<input checked="" type="checkbox"/> Conduct a daily check of the water pump and electrical setup before use. <input checked="" type="checkbox"/> Implement a system for monitoring water quality being pumped out. <input checked="" type="checkbox"/> Provide manual handling training for workers involved in moving and positioning the pump. <input checked="" type="checkbox"/> Regularly inspect the site for slip, trip, and fall hazards and clean up spills immediately. <input checked="" type="checkbox"/> Develop a contingency plan for handling excessive water inflow or pump failure. <input checked="" type="checkbox"/> Conduct noise assessments and ensure all affected workers have access to appropriate hearing protection.					<input checked="" type="checkbox"/> The correct manual handling techniques should be used when carrying heavy weights <input checked="" type="checkbox"/> Correct clothing and PPE to be worn at all times to protect the skin from harmful ultra-violet rays. <input checked="" type="checkbox"/> Signage and barriers to mark the excavation area																																						
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<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																	
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Face mask is to be worn if dust is being created																																											
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<b>Read and understood by:</b>						<b>Date:</b>																																					

## Risk Assessment Survey Work by Engineers

<b>Address</b>	<b>INSERT ADDRESS</b>																																									
<b>Work activity</b>	<b>Survey Work – Setting Out</b>																																									
<b>Persons at risk</b>	Employee	✓	General public	✓	Others	✓	Client personnel																																			
<b>Supporting requirements</b>	Method statement	✓	COSHH assessment		PPE	✓	Permit to work																																			
<b>Hazards identified</b>																																										
<input checked="" type="checkbox"/> Heavy Machinery: Risk of injury from moving excavators and dumpers. <input checked="" type="checkbox"/> Line Marking Spray Paint: Potential for skin and eye irritation; inhalation risks. <input checked="" type="checkbox"/> Road Pins and Mushroom Caps: Injury risk from hammering pins into the ground and potential trip hazard.					<input checked="" type="checkbox"/> Falls from heights <input checked="" type="checkbox"/> Exposure to adverse weather conditions (hot / cold) <input checked="" type="checkbox"/> Manual Handling: Risks associated with transporting and using survey equipment. <input checked="" type="checkbox"/> Trips and Falls: Uneven ground and obstructions. <input checked="" type="checkbox"/> Impalement Hazard: Risk of falling onto exposed road pins, mitigated by mushroom caps.																																					
<b>Calculation of risk</b>																																										
<b>Severity</b> 1 – Minor injury 2 – Over 7-day injury 3 – Severe injury / death			<b>Likelihood</b> 1 – Unlikely 2 – Possible 3 – Probable			<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>3</td><td style="background-color: #FF0000;">3</td><td style="background-color: #FF0000;">6</td><td style="background-color: #FF0000;">9</td></tr> <tr><td>2</td><td style="background-color: #FFFF00;">2</td><td style="background-color: #FFFF00;">4</td><td style="background-color: #FFFF00;">6</td></tr> <tr><td>1</td><td style="background-color: #00FF00;">1</td><td style="background-color: #00FF00;">2</td><td style="background-color: #00FF00;">3</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td></tr> </table>			3	3	6	9	2	2	4	6	1	1	2	3		1	2	3	<b>Example;</b> If S = 2 and L = 3 2 x 3 = 6 = Red, high risk		Adequate control measures are required															
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<b>Control measures to be implemented</b>																																										
<input checked="" type="checkbox"/> Regular communication between surveyors and machine operators to maintain awareness of each other's presence and movements. <input checked="" type="checkbox"/> Establish designated walkways or barriers to guide surveyors safely around or through active work zones. <input checked="" type="checkbox"/> Scheduled surveying times when machinery is less active, if possible. <input checked="" type="checkbox"/> Training on the correct method of hammering pins and handling surveying tools to prevent injury. <input checked="" type="checkbox"/> Regular checks and maintenance of surveying equipment to ensure it's in good condition.					<input checked="" type="checkbox"/> The correct manual handling techniques should be used when carrying heavy weights <input checked="" type="checkbox"/> Correct clothing and PPE to be worn at all times to protect the skin from harmful ultra-violet rays. <input checked="" type="checkbox"/> Heavy machinery operators trained and licensed; machinery equipped with visibility aids and warning signals. <input checked="" type="checkbox"/> Personal Protective Equipment (PPE) provided for handling spray paint (gloves, masks, goggles). <input checked="" type="checkbox"/> Use of high-visibility mushroom caps on road pins to highlight their presence.																																					
<b>Protective equipment / Systems</b>																																										
<b>Type</b>	<b>Overalls</b>	<b>Permit</b>	<b>Gloves</b>	<b>Face mask</b>	<b>Harness</b>	<b>Hearing</b>	<b>High vis</b>	<b>Head</b>	<b>Eye</b>	<b>Feet</b>																																
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<b>Notes and additional information</b>																																										
Face mask is to be worn if dust is being created																																										
<b>Completed by:</b>			Sean Toomey CertIOSH MCIQB				<b>Date:</b>		01/07/2024																																	
<b>Read and understood by:</b>							<b>Date:</b>																																			