

Reference: Smithies Title: Land at Wakefield Rd, Barnsley

Revision: 00 Date Issued: 05/06/2025 Issued By: Andrew Shepherd

Control measures for the works are set out in the accompanying and complementary method statement, ECC Report Ref 228 MS/SMITHIES 05/06/2025 which is to be read in conjunction with these risk assessments

SITE SPECIFIC RISK ASSESSMENTS (Manual Handling Assessment, Risk Assessments & PPE Assessment)

MINIMUM PPE REQUIRED ON ALL SITES

**HARD HAT, SAFETY FOOTWEAR,
HI-VISABILITY CLOTHING (VEST, COAT)**

ADDITIONAL PPE AS PER TASK SPECIFIC RISK ASSESSMENT

THE ATTACHED RISK ASSESSMENTS COVER THE
PROPRIATORY AND REMEDIAL EARTHWORKS TO BE UNDERTAKEN BY ECC LTD.

HEALTH & SAFETY NOTE TO ALL PERSONS ENGAGED TO CARRY OUT ANY WORKS ON SITE ON BEHALF OF ECC

ALL STAFF EITHER DIRECTLY EMPLOYED OR SUB-CONTRACTED TO ECC ARE EXPECTED TO COMPLY AND FOLLOW ALL SITE RULES, REGULATIONS, AND WORK TO AND COMPLY WITH ALL METHODS OF WORKS AND RISK ASSESSMENTS AND ENSURE AT ALL TIMES THEY KEEP THEMSELVES AND COLLEAGUES SAFE.

ALL PERSONS ARE EXPECTED TO BE MINDFUL OF THE WORKS THEY ARE BEING ASKED TO DO AND IF AT ANY POINT THEY FEEL THE WORKS ARE BEING UNDERTAKEN UNSAFELY OR INDEED SEE ANY PRACTICES OR PERSONS CARRYING OUT ANY WORKS THEY DEEM TO BE UNSAFE THEY ARE TO MAKE EITHER ECC 'S SITE MANAGER OF IF ANOTHER CONTRACTOR THEIR MANAGER IMMEDIATELY AWARE AND ENSURE THE ACTIVITY IS STOPPED AND CORRECTIVE ACTIONS TAKEN.

**IF IN DOUBT
STOP, ASK, TELL
KEEP EVERYONE AROUND YOU SAFE!**

RISK ASSESSMENTS

The risk assessments have been carried out in accordance with the Management of Health and Safety at Work Regulations 1999 (As amended in 2003 & 2006) (Specifically Regulation 3 – Risk Assessment).

The ethos of our risk assessment and generation of safe systems of work is to apply the principles of prevention, as detailed within the Management of Health & Safety at Work Regulations 1999 (As amended in 2003 & 2006), Regulation 4 and Schedule 1, and the Construction (Design & Management) Regulations 2015.

The first, and most effective, principle of prevention is to avoid the risk by selection of alternative methods.

This is taken into account when carrying out the risk assessments, selecting appropriate methodologies and generating the safe system of work.

The risk assessments are supplemented by assessments required by other regulations, these include COSHH, manual handling and personal protective equipment (PPE)

To enable prioritization the ratings are numeric – the Risk Rating & Category Matrix identifies the scoring criteria/definitions and the risk hierarchy.

MH Assessment	Manual Handling
	Erection of Heras Fencing
	Changing Attachments
	Loading/Unloading Vehicles + moving materials around Site
RA01	Slips, Trips and Falls & House Keeping.
RA03	Use of Handheld Tools
RA04	Handling Sharp Objects
RA09	Working at Height
RA10	Cutting with Abrasive Discs
RA13	Mobile Plant Operations
RA15	Crane Operations & Lifting Accessories
RA16	Waste Disposal
RA17	Storage/Use of Materials
RA18	Re-fuelling of Diesel Plant & Equipment
RA19	Inspection and Servicing of Diesel-Powered Plant and Machinery
RA22	Working adjacent to Public Areas and Roads
RA23	Trespass by Unauthorised Personnel & Signing In.
RA25	Work in Poor Weather Conditions
RA26	Working near Electric Cables & Underground Services
RA27	Work in Poor Light Conditions
RA28	Work on Poor Ground Conditions
RA30	Work in or near Excavations
RA36	Removal and disposal of contaminated syringes ('SHARPS')
RA38	Use of Ladders
RA39	Water Jetting
RA40	Hand Arm Vibration
RA41	Whole Body Vibration
RA43	Removal of asbestos containing materials (ACM)
RA44	Traffic Management & Vehicles on Site
RA45	Overhead Power Lines
RA47	Use of Powered Hand Tools
RA49	Loading Plant/Equipment onto Low Loader
RA50	Fire within Welfare Facilities & Fire Precautions on Site

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

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RA51	Use of Mobile Phones on Site
RA52	Dumpers (All Types)
RA53	Noise
RA56	Mobile Crusher and screener
RA61	Respirable Crystalline Silica
RA62	Dozer & Tracked / Wheeled Loading Shovel
RA64	Towable / Ride on Roller
RA68	Asbestos removal by specialist sub-contractor
RA69	Asbestos (General)
RA72	Control of Asbestos fibers contained in soils on site.
RA73	Fencing around temporary excavations inc Manual Handling

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Risk Rating & Category Matrix

RISK RATING (RR) [BOTH INITIAL & RESIDUAL] = HAZARD SEVERITY (S) x LIKELIHOOD OF OCCURRENCE (L)		HAZARD SEVERITY (S)			
		(1) SLIGHT Slight injuries, cuts, bruises etc, No absences from work	(2) MINOR Minor injuries, where people are absent from work for periods less than three days	(3) SERIOUS Injuries where people are off work for periods in excess of three days	(4) MAJOR Death or Major Injury as defined in RIDDOR
LIKELIHOOD OF OCCURRENCE (L)	(1) IMPROBABLE Unlikely that harm will occur	1 (LOW)	2 (LOW)	3 (LOW)	4 (LOW)
	(2) LOW Where harm will seldom occur	2 (LOW)	4 (LOW)	6 (MEDIUM)	8 (MEDIUM)
	(3) MEDIUM Where harm will occur frequently	3 (LOW)	6 (MEDIUM)	9 (MEDIUM)	12 (HIGH)
	(4) HIGH Where it is certain that harm will occur	4 (LOW)	8 (MEDIUM)	12 (HIGH)	16 (HIGH)

RISK SCALE	RISK CATEGORY	ACTION
12 - 16	High	Must be eliminated or moved to a lower level by ALARP principles
6 - 9	Medium	Can be accepted provided risk is managed or controlled to reduce to ALARP
1 - 4	Low	No further action required – maintain vigilance

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MANUAL HANDLING RISK ASSESSMENTS

MANUAL HANDLING ASSESSMENT	1 of 2
1. MANUAL HANDLING WORKS ON SITE	
<p>Lifting, moving, carrying materials of various shapes and sizes from the work area to either the processing area or to waste/scrap skips.</p> <p>Such materials are lifted and moved by operatives at ground or working from an approved safe means of access as described in the method statement for the works.</p>	
2. METHOD OF ASSESSMENT	
<p>To comply with the Manual Handling Regulations, the Company has carried out an assessment.</p> <p>To carry out the assessment, the Company have:</p> <ul style="list-style-type: none"> ▪ Identified the manual handling operations undertaken by their employees ▪ Made an appraisal, as far as is reasonably practicable, of all manual handling operations to determine if there is a risk of injury to employees. <p>In addition, assessments based upon criteria defined in HSE publication 'Manual Handling Assessment Charts' (INDG383 – 08/03) – these are detailed separately.</p>	
3.1 ASSESSMENT	
<p>(a) Task</p> <p>Involves lifting, twisting stooping and reaching, to manually support materials being removed from the various buildings/structures.</p> <p>The Assessment revealed that the task involves excessive movement i.e. lifting lowering and carrying, a degree of pushing and pulling is required to free members and sheet material etc.</p> <p>There is also a possibility of sudden movement of the load which would increase the force of the operative's body.</p> <p>In most cases the load can be carried close to the body, however, physical effort is required to complete the task.</p> <p>The task is not process rated, and there are sufficient rest periods.</p>	
<p>(b) Load</p> <p>Loads may have an estimated weight of up to 25 kg.</p> <p>Loads may have sharp edges and be potentially damaging in circumstances where contact is made.</p> <p>Although the load can be bulky and unwieldy, and difficult to grasp, it is unlikely to shift when the lifting operations are in progress</p>	

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(c) Working environment

There are no extremes of temperature associated on the working site.
Natural ventilation is produced by the nature of the work.
The lighting is good, and, where necessary, task lighting will be utilised to illuminate both the work areas and access/egress routes. Inclement weather will produce a slippery working surface.

(d) Operative's individual capacity

The Assessment revealed that there were no operatives with back injury problems or other complaints that suggest that the operatives could be in the high injury risk category.

(e) Other Factors

Overalls, weather and wet condition of materials to be carried could hinder an operative in respect of movement and posture.

MANUAL HANDLING ASSESSMENT

2 of 2

3.2 REDUCTION OF RISK (CONTROL MEASURES)

(a) Task

The task cannot be improved by changing the layout of the workstations – the work layout is imposed by the building/structure to be demolished.
Space management and the improvement of access/egress can reduce the risks imposed by twisting and stooping.
Reaching will be minimised by the introduction of access equipment, such as mechanical lifts or working platforms.
Ensuring that operatives adopt the correct stance reduces the risks associated with pushing and pulling.
Operatives will be trained in lifting techniques, together with good posture techniques.
Physical effort will be reduced by teamwork and splitting the load into manageable members.

(b) Load

Bulky unwieldy loads must be cut into smaller pieces.
Member and sheet materials that are difficult to grasp and materials with sharp edges will be handled by mechanical means wherever possible.
Abrasive protective gloves will be issued but are a last resort for handling operations where it is likely that a sharp edge will be present on the materials to be handled.
Consideration should be given to the provision of mechanical assistance where this is reasonably practicable.
Mechanical assistance involves the use of machines such as telehandlers, 360° excavator equipped with appropriate attachment.

(c) Working environment

Task lighting will be used to illuminate the work areas and access/egress routes.
Space constraint can be maximised by an increased awareness of housekeeping and a policy of tidying up before lifting operations are commenced.
Ensure that satisfactory access and egress routes are available before lifting operations are commenced.

(d) Operative's individual capacity

There will not be any lifting operations that require unusual strength by operatives.
The operations will be capable of being performed by most fit operatives.

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(e) Other Factors

Personal protective equipment should only be used as a last resort, when engineering or other controls do not prove adequate protection.

Where the wearing of PPE cannot be avoided, consider the risks of manual handling injury.

Considerations may include factors such as:

- Gloves may impair dexterity.
- Overalls may inhibit free movement.

4. CONCLUSION

This assessment provides the employee with information in relation to hazards and risk on the Contract, The assessment revealed that operatives are exposed to a degree of risk of an injury from manual handling operations.

Due to the nature of demolition activities it is not possible to totally eliminate such risk. However, implementation of the control measures detailed will either eliminate or significantly reduce the identified risks, as far as is reasonably practicable.

Employees' contribution in the re-design of systems of work will be encouraged.

Control measures detailed in 3.2 are appropriate to reduce the possibility of injury - they are practical steps and once they have been put in place, they will be periodically reviewed by means of site safety inspections.

This assessment will be periodically reviewed as part of the Company continual improvement process.

Review will also be carried out in the event of new information or changes in legislation.

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Manual Handling Assessment (MAC) Score Sheet

TASK		ERECTION OF HERAS FENCING					
		PANELS			FEET		
Control Measures		This task is relatively low risk, carrying may be reduced by controlled use of site vehicle to carry items to installation location					
RISK FACTORS		Colour Band (G,A,R or P) + Numerical Score			Colour Band (G,A,R or P) + Numerical Score		
		LIFT	CARRY	TEAM	LIFT	CARRY	TEAM
A) Load weight and lift/carry frequency		0	0	0	0	0	NOT APPLICABLE
B) Hand distance from lower back		0	3	0	3	3	
C) Vertical lift region		0		0	3		
D) Torso twisting/sideways bending Asymmetrical trunk/load (carrying)		0	0	0	2	2	
E) Postural constraints		0	0	0	0	0	
F) Grip on the load		0	0	0	1	1	
G) Floor surface		0	0	0	0	0	
H) Other environmental factors		2	2	2	2	2	
I) Carry distance			1			0	
J) Obstacles en route (carrying only)			0			0	
K) Communication and co-ordination (team handling only)				0			
TOTAL SCORES		2	6	2	11	8	
G	Low risk level Vulnerability of special risk groups should be considered if appropriate	A	Medium risk level Examine tasks closely	R	High risk level May expose a significant proportion of workforce to risk of injury	P	Very high risk level Must come under close scrutiny particularly when entire load supported by one person
IMPORTANT NOTE		Control measures identified will only be implemented where reasonably practicable taking into account access/space constraints and other safety issues					

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
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MAC assessment based upon criteria defined in HSE publication 'Manual Handling Assessment Charts' (INDG383 – 01/14)
 All assessments detailed MUST be read in conjunction with this Publication and the Manual Handling Assessment

Manual Handling Assessment (MAC) Score Sheet

TASK	CHANGING ATTACHMENTS (Including handling tools)					
	Control Measures			With the exception of moving and positioning the attachments by mechanical means, the fitting activity must be carried out manually		
RISK FACTORS	Colour Band (G,A,R or P) + Numerical Score			Colour Band (G,A,R or P) + Numerical Score		
	LIFT	CARRY	TEAM	LIFT	CARRY	TEAM
A) Load weight and lift/carry frequency	0	0	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
B) Hand distance from lower back	6	0				
C) Vertical lift region	3					
D) Torso twisting/sideways bending Asymmetrical trunk/load (carrying)	2	0				
E) Postural constraints	3	3				
F) Grip on the load	1	0				
G) Floor surface	2	2				
H) Other environmental factors	2	2				
I) Carry distance		3				
J) Obstacles en route (carrying only)		2				
K) Communication and co-ordination (team handling only)						

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TOTAL SCORES		19	12				
G	Low risk level Vulnerability of special risk groups should be considered if appropriate	A	Medium risk level Examine tasks closely	R	High risk level May expose a significant proportion of workforce to risk of injury	P	Very high risk level Must come under close scrutiny particularly when entire load supported by one person

IMPORTANT NOTE Control measures identified will only be implemented where reasonably practicable taking into account access/space constraints and other safety issues

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Manual Handling Assessment (MAC) Score Sheet

TASK	LOADING/UNLOADING VEHICLES + MOVING MATERIALS AROUND SITE					
	Control Measures			Use of mechanical methods – genie lifts, telehandler, pallet trucks, FLT's, etc. eliminates manual handling		
RISK FACTORS	Colour Band (G,A,R or P) + Numerical Score			Colour Band (G,A,R or P) + Numerical Score		
	LIFT	CARRY	TEAM	LIFT	CARRY	TEAM
A) Load weight and lift/carry frequency	4	4	4	0	0	0
B) Hand distance from lower back	3	3	0	0	0	0
C) Vertical lift region	3		3	0		0
D) Torso twisting/sideways bending Asymmetrical trunk/load (carrying)	0	1	1	0	0	0
E) Postural constraints	0	1	1	0	0	0
F) Grip on the load	0	0	1	0	0	0
G) Floor surface	2	2	2	0	0	0
H) Other environmental factors	2	2	2	0	0	0

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
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3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
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I) Carry distance		3			0	
J) Obstacles en route (carrying only)		2			0	
K) Communication and co-ordination (team handling only)			G			0
TOTAL SCORES	14	16	14	0	0	0

G	Low risk level Vulnerability of special risk groups should be considered if appropriate	A	Medium risk level Examine tasks closely	R	High risk level May expose a significant proportion of workforce to risk of injury	P	Very high risk level Must come under close scrutiny particularly when entire load supported by one person
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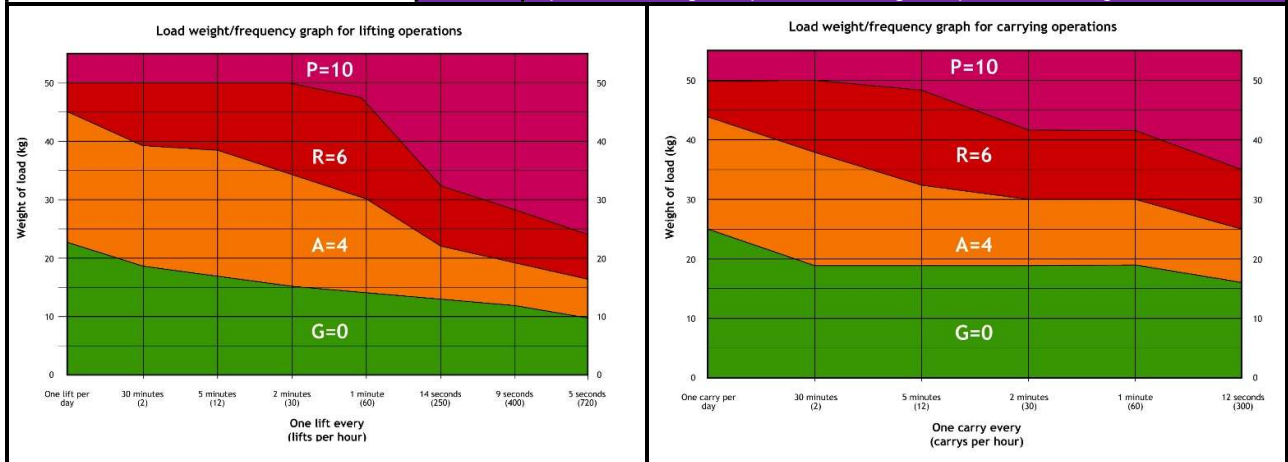
ACTIVITY	SCORE	CIRCUMSTANCES
A) Load weight and lift/carry frequency [TEAM HANDLING] Single person – see Graph	0	2 persons less than 35 kg or 3 persons less than 40 kg
	4	2 persons 35 – 50 kg or 3 persons 40 – 75kg or 4 persons 40 – 100 kg
	6	2 persons 50 – 85 kg or 3 persons 75 – 125kg or 4 persons 100 – 170 kg
	10	2 persons 85+ kg or 3 persons 125+ kg or 4 persons 170+ kg
B) Hand distance from lower back	0	CLOSE: upper arm vertical/trunk upright
	3	MODERATE: upper arms angled or torso bent forward
	6	FAR: upper arms angled and torso bent forward
C) Vertical lift region	0	Above knee and/or below elbow height
	1	Below knee and/or above elbow height
	3	Floor level or below and/or above
D) Torso twisting/sideways bending Asymmetrical trunk/load (carrying)	0	Little or no torso twisting or sideways bending
	1	Torso twisting or sideways bending
	2	Torso twisting and sideways bending
E) Postural constraints	0	None
	1	Restricted
	3	Severely restricted
F) Grip on the load	0	Good
	1	Reasonable
	2	Poor
G) Floor surface	0	Dry and in good condition
	1	Dry but in poor condition or uneven
	2	Contaminated, wet, sloping or unstable
H) Other environmental factors	0	No factors present
	1	One factor present
	2	Two or more factors present
	0	2 – 4 metres

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3	MODERATE – RIDDOR INJURY	LIKELY
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I) Carry distance	1	4 – 10 metres
	3	10 metres +
J) Obstacles en route (carrying only)	0	No obstacles and carry route is flat
	2	Steep slope, up steps, through closed doors or trip hazards
	3	Ladders
K) Communication and co-ordination (team handling only)	0	2 person <35 kg or 3 person <40 kg
	4	2 person 35-50 kg or 3 person 40-75 kg or 4 person 40-100 kg
	6	2 person 50-85 kg or 3 person 75-125 kg or 4 person 100-170 kg
	10	2 person >85 kg or 3 person >125 kg or 4 person >170 kg



ANY WORK ACTIVITY WHERE THE RISK FALLS WITHIN THE 'HIGH' CATEGORY AFTER IMPLEMENTATION OF THE CONTROL MEASURES WILL BE REVIEWED AND AN ALTERNATIVE WORK METHOD UTILISED

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PROJECT RISK ASSESSMENT (RA 03)		WORK ACTIVITY: USE OF HAND TOOLS	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- INJURY TO OPERATIVES SUCH AS STRIKING OWN BODY OR PINCHING FINGERS, ETC. PRODUCTION OF FLYING DEBRIS WHICH MAY STRIKE PASSERS BY. PASSERS BY BEING HIT BY MOVING TOOLS.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS/VISITORS	
ASSESSMENT OF RAW RISK Severity 3 x Likelihood 4 = Risk 12			
CONTROL MEASURES REQUIRED:- CARE TO BE TAKEN IN THE USE OF HAND TOOLS. CARRY OUT A MENTAL RISK ASSESSMENT BEFORE EACH JOB. BE AWARE OF YOUR SURROUNDINGS AND KEEP A CONSTANT LOOK OUT FOR PERSONNEL APPROACHING YOUR WORKING AREA. ALL PERSONNEL WORKING ON SITE ARE TO READ, UNDERSTAND, SIGN ONTO AND FOLLOW THE WORKS SPECIFIC METHOD STATEMENT IN CONJUNCTION WITH THESE RISK ASSESSMENTS.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection ✓ Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves ✓ Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:- IMPACT RESISTANT EYE PROTECTION	
ASSESSMENT OF RESIDUAL RISK Severity 3 x Likelihood 2 = Risk 6			
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING
6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE
1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PROJECT RISK ASSESSMENT (RA 04)		WORK ACTIVITY: HANDLING SHARP OBJECTS	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- CUTS TO OPERATIVES. DAMAGE TO RETAINED ITEMS SUCH AS JOINERY AND ELECTRICAL INSULATION.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES	
ASSESSMENT OF RAW RISK Severity 2 x Likelihood 4 = Risk 8			
CONTROL MEASURES REQUIRED:- CARE TO BE TAKEN WHEN HANDLING SHARP OBJECTS. DO NOT DROP SHARP OBJECTS NEAR ELECTRICAL FITTINGS AND CABLES. WHENEVER POSSIBLE DO NOT BREAK GLASS - IT IS BETTER TO AVOID CREATING SHARP MATERIALS THAN HAVING TO PROTECT FROM THEM. ALL PERSONNEL WORKING ON SITE ARE TO READ, UNDERSTAND, SIGN ONTO AND FOLLOW THE WORKS SPECIFIC METHOD STATEMENT IN CONJUNCTION WITH THESE RISK ASSESSMENTS.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves ✓ Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
ASSESSMENT OF RESIDUAL RISK Severity 2 x Likelihood 2 = Risk 4			
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PROJECT RISK ASSESSMENT (RA 16)		WORK ACTIVITY: WASTE DISPOSAL	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- EXPOSURE OF PERSONNEL/ PUBLIC TO ASBESTOS FIBRES FROM SPLIT BAGS. EXPOSURE OF PERSONNEL/ PUBLIC TO CONTAMINATED MATERIALS.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS/VISITORS PUBLIC/TRESPASSERS	
<u>ASSESSMENT OF RAW RISK</u>		Severity 3	x Likelihood 4 = Risk 12
CONTROL MEASURES REQUIRED:- ALL WASTE STREAMS (GENERAL, WOOD, METAL, ASBESTOS, FOOD). WASTE TO BE REMOVED FROM BUILDING AT AGREED TIME AND ON SPECIFIC WASTE ROUTES. DESIGNATED SKIPS TO BE USED AND WASTE TRANSPORTED BY LICENSEDCARRIERS. ASBESTOS WASTE. SPARE BAGS AND TAPE TO BE AVAILABLE WHILST IN TRANSIT. REASSURANCE AIR MONITORING TO BE CARRIED OUT IF DEEMED NECESSARY BY ANALYST/SITE SUPERVISOR/CLIENT.		<u>PPE:- (tick if required)</u> Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input checked="" type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u>		<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u>	
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u> All Personnel on site		<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> Duration of the current project and works.	
<u>ADDITIONAL CONTROL MEASURES REQUIRED:-</u>		<u>LIST EXTRA PPE:- ADDITIONAL PPE/RPE IF ASBESTOS</u>	
<u>ASSESSMENT OF RESIDUAL RISK</u>		Severity 3	x Likelihood 2 = Risk 6
<u>PREPARED BY:</u> ECC		<u>DATE:</u> 05/06/2025	
<u>RECEIVED/REVIEWED AT SITE BY:</u>		<u>DATE:</u>	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PROJECT RISK ASSESSMENT (RA 17)		WORK ACTIVITY: STORAGE/USE OF MATERIALS	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- RELEASE OF FLAMMABLES/CHEMICALS, SUBSEQUENT FIRE EXPLOSION RISKS. TOXIC EFFECTS ON HEALTH. FALLING MATERIALS.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS/VISITORS PUBLIC/TRESPASSERS	
ASSESSMENT OF RAW RISK Severity 3 x Likelihood 4 = Risk 12			
CONTROL MEASURES REQUIRED:- ALL MATERIAL TO BE STORED ACCORDING TO INDIVIDUAL COSHH SPECIFICATIONS. USERS OF MATERIALS WILL BE TRAINED/SUPERVISED AND ISSUED WITH PPE IF APPROPRIATE. MATERIAL TO BE STORED IN A SAFE MANNER.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection ✓ Dust masks ✓ Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves ✓ Protective overalls ✓ Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No Of PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
ASSESSMENT OF RESIDUAL RISK Severity 3 x Likelihood 2 = Risk 6			
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PROJECT RISK ASSESSMENT (RA 18)		WORK ACTIVITY: RE-FUELLING OF DIESEL PLANT/EQUIPMENT	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- DIESEL SPILLAGE. CONTACT WITH SKIN.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES	
ASSESSMENT OF RAW RISK Severity 3 x Likelihood 4 = Risk 12			
CONTROL MEASURES REQUIRED:- SUITABLE CONTAINERS/FUNNEL TO BE USED WHEN RE-FUELLING. ABSORBENT GRANULES / SPILL KIT TO BE AVAILABLE IN CASE OF SPILLAGE. OPERATIVES TO WEAR RUBBER/PLASTIC GLOVES AT ALL TIMES. DURING RE-FUELLING AND POSITIONING OF HOSES ENSURE THAT OPERATIVES ARE A SAFE DISTANCE FROM THE ASBESTOS REMOVAL / OTHER WORKS ON SITE. SEE ALSO COSHH ASSESSMENTS. ENSURE KEYS ARE REMOVED FROM ALL PLANT WHEN NOT IN USE.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves ✓ Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
ASSESSMENT OF RESIDUAL RISK Severity 3 x Likelihood 2 = Risk 6			
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

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PROJECT RISK ASSESSMENT (RA 25)		WORK ACTIVITY: WORK IN POOR WEATHER CONDITIONS	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- DANGER TO OPERATIVES AND/OR PLANT DUE TO HIGH WINDS. OPERATIVES NOT SEEING HAZARDS DUE TO POOR VISIBILITY IN EXTREME WEATHER.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS/VISITORS	
ASSESSMENT OF RAW RISK Severity 3 x Likelihood 3 = Risk 9			
CONTROL MEASURES REQUIRED:- WORKS TO CEASE IN HIGH WINDS ON HIGH WORKS. WORKS TO CEASE IN EXTREME WEATHER E.G. SNOW & ICE. ALL EMPLOYEES TO BE ADVISED TO MAINTAIN A SAFE WORKING ENVIRONMENT.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
ASSESSMENT OF RESIDUAL RISK Severity 3 x Likelihood 2 = Risk 6			
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PROJECT RISK ASSESSMENT (RA 26)		WORK ACTIVITY: WORKING NEAR ELECTRICAL CABLES, UNDERGROUND SERVICES	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- ELECTROCUTION AND BURNS. SUDDEN FAILURE OF LIGHTING ETC. EFFECTS ON PROCESS EQUIPMENT ON ADJACENT PLANTS. TRENCH COLLAPSE. INGRESS OF WATER.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES/GROUND WORKERS	
<u>ASSESSMENT OF RAW RISK</u>		Severity 4	x Likelihood 4 = Risk 16
CONTROL MEASURES REQUIRED:- ONLY CABLES MARKED AS ISOLATED ARE TO BE REMOVED. ALL CABLE REMOVAL WORK TO BE COMMENCED FROM FREE ENDS. FOLLOW MS WHEN CARRYING OUT SOFT STRIPPING WORKS. MS BUILDING RELEASE CHECK LIST TO BE COMPLETED BY THE SITE MANAGER. SITE MANAGER TO INFORM ALL OPERATIVES ON SITE OF ANY LIVE SERVICES AND TOOLBOX TALK TO BE UNDERTAKEN (IF REQUIRED). ALL WORKS TO CEASE IF SITE MANAGER DEEMS NECESSARY IF UNSURE OF SERVICE STATUS OR NO WRITTEN CONFIRMATION. SUITABLE PROTECTION TO BE PROVIDED FOR LIVE CABLES IN THE VICINITY OF HOT CUTTING WORK, AND IN AREAS WHERE MATERIALS MAY BE DROPPED ONTO CABLES. CONSIDERATION TO BE GIVEN TO LOCATION OF CABLES (BOTH ABOVE AND BELOW GROUND) WHEN PLANNING DROPPING OF STRUCTURES AND MATERIALS – CAT SCAN TO BE CARRIED OUT AND ROUTE OF CABLES IDENTIFIED BEFORE WORKS START. WORK TO AND FOLLOW PERMIT TO DIG (PERMIT TO DIG REQUIRED FOR ALL BREAKING GROUND WORKS). COMPLIANCE WITH HSE REGULATIONS HSG47. CHECK SERVICE PLANS AND ISOLATION / DISCONNECTION CERTS PRIOR TO CARRYING OUT WORKS. DOUBLE INSULATED TOOLS FOR HAND DIGGING TO BE PROVIDED, CABLE DETECTOR ON SITE. CARRYOUT TRIAL HOLING (WHERE REQUIRED). ALL PERSONNEL WORKING ON SITE ARE TO READ, UNDERSTAND, SIGN ONTO AND FOLLOW THE WORKS SPECIFIC METHOD STATEMENT IN CONJUNCTION WITH THESE RISK ASSESSMENTS. NO BREAKING GROUND WORKS TO COMMENCE UNTIL PERMIT TO DIG HAS BEEN ISSUED, AREA CAT SCANNED AND SERVICE RECORDS PROVIDED / CHECKED.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection ✓ Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves ✓ Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
<u>ASSESSMENT OF RESIDUAL RISK</u>		Severity 4	x Likelihood 2 = Risk 8
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

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PROJECT RISK ASSESSMENT (RA 27)		WORK ACTIVITY: WORK IN POOR LIGHT CONDITIONS	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- OPERATIVES NOT SEEING HAZARDS OF ANY NATURE. SLIPS, TRIPS & FALLS.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES	
<u>ASSESSMENT OF RAW RISK</u>		Severity 3	x Likelihood 4 = Risk 12
CONTROL MEASURES REQUIRED:- TEMPORARY LIGHTING TO BE USED. 110 VOLT OR LOWER VOLTAGE EQUIPMENT ONLY TO BE USED.		PPE:- (tick if required) Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u>		<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u>	
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u> All Personnel on site		<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> Duration of the current project and works.	
<u>ADDITIONAL CONTROL MEASURES REQUIRED:-</u>		<u>LIST EXTRA PPE:-</u>	
<u>ASSESSMENT OF RESIDUAL RISK</u>		Severity 3	x Likelihood 2 = Risk 6
<u>PREPARED BY:</u> ECC		<u>DATE:</u> 05/06/2025	
<u>RECEIVED/REVIEWED</u> <u>AT SITE BY:</u>		<u>DATE:</u>	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

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PROJECT RISK ASSESSMENT (RA 28)		WORK ACTIVITY: WORK IN POOR GROUND CONDITIONS	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- COLLAPSE OF UNDERGROUND VOIDS. TRIPPING HAZARDS. SLIPPERY SURFACES.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS/VISITORS	
ASSESSMENT OF RAW RISK Severity 3 x Likelihood 4 = Risk 12			
CONTROL MEASURES REQUIRED:- SITE TO BE SURVEYED TO ESTABLISH THE LOCATION OF ANY UNDERGROUND VOIDS AND THESE TO BE EITHER OPENED AND TEMPORARILY FILLED OR MARKED AT GROUND LEVEL. OPERATIVES NOT TO WALK OR WORK ON UNEVEN OR SLIPPERY GROUND. SMALL HOLES IN THE GROUND CAN BE THE CAUSE OF SERIOUS LEG AND ANKLE INJURIES.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
ASSESSMENT OF RESIDUAL RISK Severity 3 x Likelihood 2 = Risk 6			
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PROJECT RISK ASSESSMENT (RA 30)		WORK ACTIVITY: WORKING IN OR NEAR EXCAVATIONS	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- COLLAPSE OF EXCAVATION. COLLAPSE OF EXCAVATED MATERIAL STOCK PILE. FALLING OF PERSONAL OR PLANT INTO EXCAVATION. DISTURBANCE OF UNDERGROUND SERVICES. INGRESS OF WATER. UNDERMINING OF ADJACENT SCAFFOLDING, WALLS ETC. MIGRATORY GASES.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS/VISITORS	
<u>ASSESSMENT OF RAW RISK</u>		Severity 4	x Likelihood 4 = Risk 16
CONTROL MEASURES REQUIRED:- SUITABLE SHORING TO BE USED. EXCAVATED MATERIAL TO BE PLACED AWAY FROM EXCAVATION (MIN 1.5 METRES OR DEPTH OF EXCAVATION IF GREATER). EDGES OF EXCAVATION TO BE BARRIERED AROUND. AREA TO BE SURVEYED PRIOR TO WORK COMMENCING. WORK WITHIN EXCAVATIONS TO BE AVOIDED WHENEVER POSSIBLE. PROVIDE SAFE MEANS OF ACCESS & EGRESS. OBTAIN A PERMIT OR WRITTEN PERMISSION FROM A COMPETENT PERSON PRIOR TO COMMENCING WORK. INSPECTIONS TO BE CARRIED OUT AS APPROPRIATE BY COMPETENT PERSON. TRAFFIC ROUTES TO BE CHANGED / MOVED AWAY FROM AREAS OF EXCAVATION WORKS. BACK FILL EXCAVATIONS AT EARLIEST OPPORTUNITY. ENSURE WORKS AREA IS CLEARLY DEFINED. ENSURE BANKSMAN / TRAFFIC MARSHALL ARE IN PLACE WHEN EXCAVATIONS TAKE PLACE. SAFETY LIGHTING TO BE PROVIDED WHERE APPROPRIATE. COVER / PROTECT EXCAVATIONS WHEN NOT IN USE. ALL PERSONNEL WORKING ON SITE ARE TO READ, UNDERSTAND, SIGN ONTO AND FOLLOW THE WORKS SPECIFIC METHOD STATEMENT IN CONJUNCTION WITH THESE RISK ASSESSMENTS.		PPE:- (tick if required) Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input checked="" type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input checked="" type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No of PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
<u>ASSESSMENT OF RESIDUAL RISK</u>		Severity 4	x Likelihood 2 = Risk 8
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

PROJECT RISK ASSESSMENT (RA36)		WORK ACTIVITY: REMOVAL & DISPOSAL OF CONTAMINATED	
RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD	
5	EXTREME – MULTIPLE DEATHS	PROBABLE	
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY	
3	MODERATE – RIDDOR INJURY	LIKELY	
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE	
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY	

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING
6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE
1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

	SYRINGES ('SHARPS')
SITE – Smithies	PROJECT NO: 228
PART 1 RISK ASSESSMENT	
MAIN HAZARDS ARE:- PENETRATION OF SKIN BY 'SHARPS'. RESULTING IN SERIOUS DISEASES (AIDS, HEPATITIS).	PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES
<u>ASSESSMENT OF RAW RISK</u> Severity 4 x Likelihood 4 = Risk 16	
CONTROL MEASURES REQUIRED:- COMPETENT OPERATIVES USING CORRECT PPE –MESH GAUNTLETS AND STEEL INSOLE TOE TECTOR BOOTS AND OVERALLS. 'SHARPS' DISPOSED OF IN A SPECIAL 'SHARPS' CONTAINER - PROVIDED BY LOCAL AUTHORITY WASTE DISPOSAL/SPECIALIST CONTRACTOR. USE OF HAND-HELD LITTER PICKER (WHERE POSSIBLE).	PPE:- (tick if required) Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input checked="" type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>
PART 2 SITE SPECIFIC ASSESSMENT	
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u>	<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u>
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u> All Personnel on site	<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> Duration of the current project and works.
<u>ADDITIONAL CONTROL MEASURES REQUIRED:-</u>	<u>LIST EXTRA PPE:- GLOVES = SHARPS RESISTANT.</u>
<u>ASSESSMENT OF RESIDUAL RISK</u> Severity 4 x Likelihood 2 = Risk 8	
<u>PREPARED BY:</u> ECC	<u>DATE:</u> 05/06/2025
<u>RECEIVED/REVIEWED AT SITE BY:</u>	<u>DATE:</u>

PROJECT RISK ASSESSMENT (RA38)	WORK ACTIVITY: USE OF LADDERS	
RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING
6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE
1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

SITE – Smithies		PROJECT NO: 228	
MAIN HAZARDS ARE:- OPERATIVES FALLING. MATERIALS AND TOOLS BEING DROPPED.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES	
<u>ASSESSMENT OF RAW RISK</u>		Severity 3	x Likelihood 4 = Risk 12
CONTROL MEASURES REQUIRED:- SET LADDERS TO AN ANGLE OF 75° (ONE IN FOUR) RISE. ALWAYS EITHER HAVE SOMEONE FOOTING THE LADDER OR MAKE SURE IT IS PROPERLY TIED TO A SECURE ANCHOR POINT. ENSURE LADDER STANDS ON LEVEL EVEN GROUND. ALWAYS HAVE AT LEAST 3 POINT CONTACT WITH THE LADDER. DO NOT LEAN OUT OR OVER REACH – MOVE LADDER. USE LADDER ONLY AS MEANS OF ACCESS AND EGRESS UNLESS CARRYING OUT LIGHT DUTIES. MAKE SURE LADDER EXTENDS ABOVE LANDING PLACE BY 5 RUNGS (IF POSSIBLE) IF NOT PROVIDE HAND HOLD. ONLY USE LADDERS FOR SHORT DURATION WORKS (OTHER ALTERNATIVES TO BE USED WHERE POSSIBLE, SCAFFOLD TOWER, MEWP ETC).		PPE:- (tick if required) Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input checked="" type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u>		<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u>	
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u> All Personnel on site		<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> Duration of the current project and works.	
<u>ADDITIONAL CONTROL MEASURES REQUIRED:-</u>		<u>LIST EXTRA PPE:-</u>	
<u>ASSESSMENT OF RESIDUAL RISK</u>		Severity 3	x Likelihood 2 = Risk 6
<u>PREPARED BY:</u> ECC		<u>DATE:</u> 05/06/2025	
<u>RECEIVED/REVIEWED</u> <u>AT SITE BY:</u>		<u>DATE:</u>	

PROJECT RISK ASSESSMENT (RA39)	WORK ACTIVITY: WATER JETTING
SITE – Smithies	PROJECT NO: 228

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- INJURY TO OPERATIVES FROM CONTAMINATED WATER SPRAY AND WATER PRESSURE. DANGER OF AFFECT OF WATER ON LIVE ELECTRIC CABLES. DANGER OF CONTAMINATED WATER ENTERING DRAINAGE SYSTEM.	PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS/VISITORS		
ASSESSMENT OF RAW RISK Severity 3 x Likelihood 4 = Risk 12			
CONTROL MEASURES REQUIRED:- ELECTRIC CABLES OVER OFFICES TO BE PROTECTED BY POLYTHENE SHEETING. BUILDING OR WORKING AREA TO BE SAND BAGGED TO MAKE BUND, PREVENT EGRESS OUTSIDE THE BUILDING/WORKING AREA. SUMP IN BUILDING TO BE USED TO COLLECT CONTAMINATED WATER WHICH WILL THEN BE PUMPED INTO CONTAINERS AND TAKEN TO APPROPRIATE WASTE FACILITY. HOSE MUST NOT BE POINTED AT PERSONS.	PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves ✓ Protective overalls ✓ Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>		
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-	ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-		
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site	FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.		
ADDITIONAL CONTROL MEASURES REQUIRED:-	LIST EXTRA PPE:- WATERPROOF OVERALLS, WELLINGTONS, FULL FACE VISOR.		
ASSESSMENT OF RESIDUAL RISK Severity 3 x Likelihood 2 = Risk 6			
PREPARED BY: ECC	DATE: 05/06/2025		
RECEIVED/REVIEWED AT SITE BY:	DATE:		

PROJECT RISK ASSESSMENT (RA40)	WORK ACTIVITY: HAND ARM VIBRATION
SITE – Smithies	PROJECT NO: 228

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING
 6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE
 1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- HEALTH RISKS, INCLUDING BACK PAIN.	PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES		
<u>ASSESSMENT OF RAW RISK</u>	Severity 3	x	Likelihood 4 = Risk 12
CONTROL MEASURES REQUIRED:- SELECT PLANT/EQUIPMENT WITH LOWER VIBRATION LEVELS – STILL SUITABLE FOR THE TASK. ENSURE ANTI-VIBRATION SEATS AND DAMPERS ARE FITTED. MAINTAIN SCHEDULE OF MAINTENANCE TO ENSURE PLANT/EQUIPMENT IS OPERATING AT MAXIMUM EFFICIENCY, THUS MINIMAL VIBRATION. ALL ANTI-VIBRATION EQUIPMENT TO BE SIGNIFICANT PART OF MAINTENANCE REGIME. SUPERVISORS TO ENSURE THAT CONTROL MEASURES ARE IMPLEMENTED.	PPE:- (tick if required) Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>		
PART 2 SITE SPECIFIC ASSESSMENT			
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u>	<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u>		
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u> All Personnel on site	<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> Duration of the current project and works.		
<u>ADDITIONAL CONTROL MEASURES REQUIRED:-</u>	<u>LIST EXTRA PPE:-</u>		
<u>ASSESSMENT OF RESIDUAL RISK</u>	Severity 2	x	Likelihood 4 = Risk 8
<u>PREPARED BY:</u> ECC	<u>DATE:</u> 05/06/2025		
<u>RECEIVED/REVIEWED</u> <u>AT SITE BY:</u>	<u>DATE:</u>		

PROJECT RISK ASSESSMENT (RA43)	WORK ACTIVITY: REMOVAL OF ASBESTOS CONTAINING MATERIALS (ACM's)	
RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING
 6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE
 1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- RELEASE OF ASBESTOS FIBRES. MANUAL HANDLING INJURIES – SEE MANUAL HANDLING ASSESSMENT. WORK AT HEIGHT (REMOVAL OF ROOF SHEETS).		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS/VISITORS PUBLIC	
<u>ASSESSMENT OF RAW RISK</u>		Severity 4 Risk 12	x Likelihood 3 =
CONTROL MEASURES REQUIRED:- APPROPRIATE EXCLUSION ZONE. DAMPING DOWN. ALL OPERATIVES CARRYING OUT/IN VICINITY OF WASTE REMOVAL OPERATIONS TO WEAR APPROPRIATE RPE/PPE (FPP3 FILTER + FACE FITTED). FOLLOW HSE GUIDELINES AND CONTROL OF ASBESTOS REGS. FULLY TRAINED OPERATIVES (CAT B), & IPAF, PASMA (WHERE REQUIRED)		PPE:- (tick if required) Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input checked="" type="checkbox"/> Dust masks (FFP3) <input checked="" type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input checked="" type="checkbox"/> Protective overalls <input checked="" type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u>		<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u>	
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u> All Personnel on site		<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> Duration of the current project and works.	
<u>ADDITIONAL CONTROL MEASURES REQUIRED:-</u>		<u>LIST EXTRA PPE:-</u>	
<u>ASSESSMENT OF RESIDUAL RISK</u>		Severity 4 Risk 8	x Likelihood 2 =
<u>PREPARED BY:</u> ECC		<u>DATE:</u> 05/06/2025	
<u>RECEIVED/REVIEWED AT SITE BY:</u>		<u>DATE:</u>	

PROJECT RISK ASSESSMENT (RA44)	WORK ACTIVITY: TRAFFIC MANAGEMENT/VEHICLES ON SITE
SITE – Smithies	PROJECT NO: 228

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING
6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE
1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- INJURIES TO PEDESTRIANS. COLLISIONS BETWEEN VEHICLES. DAMAGE TO VEHICLES/PLANT. DAMAGE TO STRUCTURES. VEHICLES/PLANT REVERSING. ACCESS & EGRESS TO SITE. LOADS FALLING FROM VEHICLE.	PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS/VISITORS PUBLIC		
ASSESSMENT OF RAW RISK	Severity 4	x	Likelihood 4 = Risk 16
CONTROL MEASURES REQUIRED:- SEGREGATE PEDESTRIANS FROM PLANT/EQUIPMENT. NO REVERSING WITHOUT TRAFFIC MARSHALL. ACCESS/EGRESS TO SITE CONTROLLED BY BANKSMAN/GATEMAN (WHERE POSSIBLE) NOMINATED TRAFFIC MARSHALL AND DRIVER/PLANT OPERATIVE TO BE IN CONSTANT CONTACT/DISCUSSION. WHERE PRACTICABLE ONE-WAY SYSTEM AROUND SITE. ADEQUATE SIGNAGE IN ACCORDANCE WITH THE HEALTH AND SAFETY (SIGNS & SIGNALS) REGULATIONS. FOLLOW REQUIREMENTS OF HSE 'SAFE USE OF VEHICLES ON CONSTRUCTION SITES' (HSG 144) ALL PERSONNEL TO WEAR HI-VISIBILITY CLOTHING. (VEST, JACKET). BEFORE REMOVING ROPES, STRAPS ETC ENSURE LOAD IS SECURE, ALSO WHEN OPENING DOORS (SKIPS ETC). TMP TO BE ON SITE AT ALL TIMES. SITE MANAGER TO AMEND / REVIEW PERIODICALLY TO TAKE INTO ACCOUNT CHANGING SITE CONDITIONS / WORKS. SITE WELFARE AREA TO BE SEGREREGATED FROM WORKS AREA AND WHERE POSSIBLE CAR PARK AREA TO BE PROVIDED. ENSURE KEYS ARE REMOVED FROM ALL PLANT WHEN NOT IN USE ALL PERSONNEL WORKING ON SITE ARE TO READ, UNDERSTAND, SIGN ONTO AND FOLLOW THE WORKS SPECIFIC METHOD STATEMENT IN CONJUNCTION WITH THESE RISK ASSESSMENTS.	PPE:- (tick if required) Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>		
PART 2 SITE SPECIFIC ASSESSMENT			
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u>	<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u>		
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u> All Personnel on site	<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> Duration of the current project and works.		
<u>ADDITIONAL CONTROL MEASURES REQUIRED:-</u>	<u>LIST EXTRA PPE:-</u>		
ASSESSMENT OF RESIDUAL RISK	Severity 4	x	Likelihood 2 = Risk 8
<u>PREPARED BY:</u> ECC	<u>DATE:</u> 05/06/2025		
<u>RECEIVED/REVIEWED AT SITE BY:</u>	<u>DATE:</u>		

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

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PROJECT RISK ASSESSMENT (RA45)		WORK ACTIVITY: OVERHEAD POWER LINES	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- CONTACT WITH OVERHEAD POWER LINES. ARCING BETWEEN POWER LINE AND EQUIPMENT. ELECTROCUTION AND BURNS. POWER CUTS. DAMAGE TO PLANT/EQUIPMENT.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS	
ASSESSMENT OF RAW RISK Severity 4 x Likelihood 4 = Risk 16			
CONTROL MEASURES REQUIRED:- WHERE PRACTICABLE CUT OFF POWER. CONTROL WORKS BY PERMIT TO WORK. CREATE EXCLUSION ZONES TO SEGREGATE HAZARD. ERECT RIGID NON-CONDUCTING GOALPOSTS TO ALLOW PASSAGE FOR PLANT/EQUIPMENT. WORK IN ACCORDANCE WITH HSE 'AVOIDING DANGER FROM OVERHEAD POWER LINES' (G56). ALL PERSONNEL WORKING ON SITE ARE TO READ, UNDERSTAND, SIGN ONTO AND FOLLOW THE WORKS SPECIFIC METHOD STATEMENT IN CONJUNCTION WITH THESE RISK ASSESSMENTS.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
ASSESSMENT OF RESIDUAL RISK Severity 4 x Likelihood 2 = Risk 8			
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

PROJECT RISK ASSESSMENT (RA47)	WORK ACTIVITY: USE OF POWERED HAND TOOLS (INCLUDING STIHL)
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RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

	SAWS, RECIPROCATING SAWS & GRINDERS)		
SITE – Smithies	PROJECT NO: 228		
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- NOISE. VIBRATION & MUSCULAR INJURIES. FLYING DEBRIS. EXPOSURE TO DUST/FUME. CUTS & ABRASIONS. BLADES SNAPPING / BECOMING JAMMED. MATERIAL DROPPING ONTO OPERATIVES FEET WHEN CUT. CUT MATERIAL CAUSING TRIPPING HAZARDS.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS/VISITORS PUBLIC	
ASSESSMENT OF RAW RISK Severity 4 x Likelihood 3 = Risk 12			
CONTROL MEASURES REQUIRED:- OPERATIVES TO WEAR SUITABLE EAR PROTECTION. EQUIPMENT TO BE SELECTED APPROPRIATE TO THE WORK AND WITH MINIMUM VIBRATION MAGNITUDE. DURATION OF WORKS TO BE COMMENSURATE WITH VIBRATION MAGNITUDE – RECORDS TO BE MAINTAINED. SEQUENCE OF DEMOLITION TO BE IN ACCORDANCE WITH THE APPROVED METHOD STATEMENT. IMPACT RESISTANT EYE PROTECTION AND EAR PROTECTION TO BE USED BY OPERATIVES. DEPENDENT UPON MATERIALS BEING CUT SUITABLE RPE (FACE FITTED MINIMUM FFP3 RATING). EQUIPMENT TO BE INSPECTED PRIOR TO USE AND RECORDED. USE (WHERE POSSIBLE) BATTERY OPERATED EQUIPEMENT OR 110V. OPERATIVES TO HAVE ABRASIVE WHEELS TRAINING (STIHL SAWS & GRINDERS). ALL PERSONNEL WORKING ON SITE ARE TO READ, UNDERSTAND, SIGN ONTO AND FOLLOW THE WORKS SPECIFIC METHOD STATEMENT IN CONJUNCTION WITH THESE RISK ASSESSMENTS.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection ✓ Dust masks (FFP3) ✓ Ear plugs ✓ Ear muffs ✓ Gloves ✓ Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
ASSESSMENT OF RESIDUAL RISK Severity 4 x Likelihood 2 = Risk 8			
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

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PROJECT RISK ASSESSMENT (RA49)		WORK ACTIVITY: LOADING PLANT/EQUIPMENT ONTO LOW LOADER	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- COLLISION WITH LOW LOADER BY PLANT BEING LOADED. PLANT FALLING OFF LOW LOADER. COLLISION WITH OTHER VEHICLES/PLANT. INJURY TO PEDESTRIANS.		PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS/VISITORS PUBLIC	
ASSESSMENT OF RAW RISK Severity 4 x Likelihood 3 = Risk 12			
CONTROL MEASURES REQUIRED:- LOADING/UNLOADING ONLY TO BE CARRIED OUT BY OPERATIVE HOLDING APPROPRIATE CPCS CARD FOR PLANT. LOADING/UNLOADING TO BE CARRIED OUT IN DESIGNATED LOCATION – CONED OFF AND CONTROLLED BY A BANKSMAN IF DEEMED NECESSARY AND WHERE POSSIBLE. LOW LOADER TO BE PARKED ON LEVEL GROUND AND WHERE POSSIBLE PARKED SO THE PLANT CAN BE LOADED UPHILL. TRAILER MUST BE OF APPROPRIATE SIZE FOR PLANT BEING TRANSPORTED. LOADING AREA ON LOW LOADER TO BE CLEANED OF ICE/MUD IF NECESSARY. PLANT TO BE CLEANED (MUD REMOVED FROM TRACKS ETC) BEFORE LOADING. ENSURE PLANT IS CORRECTLY LOCATED AND SECURED ONTO THE LOW LOADER BEFORE LEAVING SITE. LOW LOADER DRIVER TO LOAD / UNLOAD ALL PLANT. PATHS, ROADS, KERBS ETC TO BE PROTECTED FROM SLEWING (TRACKED) PLANT BEFORE LOADING / UNLOADING (IF REQUIRED). ENSURE KEYS ARE REMOVED FROM ALL PLANT WHEN NOT IN USE.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
ASSESSMENT OF RESIDUAL RISK Severity 4 x Likelihood 2 = Risk 8			
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PROJECT RISK ASSESSMENT (RA50)	WORK ACTIVITY: FIRE WITHIN WELFARE FACILITIES & FIRE PRECAUTIONS ON SITE
SITE – Smithies	PROJECT NO: 228
PART 1 RISK ASSESSMENT	
MAIN HAZARDS ARE:- COLLISION WITH LOW LOADER BY PLANT BEING LOADED. PLANT FALLING OFF LOW LOADER. COLLISION WITH OTHER VEHICLES/PLANT. INJURY TO PEDESTRIANS.	PERSONS/PROPERTY EXPOSED ARE:- OPERATIVES OTHER WORKERS/VISITORS EMERGENCY SERVICES PERSONNEL
ASSESSMENT OF RAW RISK Severity 4 x Likelihood 4 = Risk 16	
CONTROL MEASURES REQUIRED:- ENSURE EMERGENCY PROCEDURES, INCLUDING ACCESS AND EGRESS ROUTES AND MUSTER POINTS ARE CLEARLY IDENTIFIED ON THE SITE PLAN AND WITHIN THE CONSTRUCTION PHASE PLAN & TMP. ENSURE WELFARE FACILITIES ARE LOCATED AND COMPLY WITH HSE GUIDANCE 'FIRE SAFETY IN CONSTRUCTION' [HSG168], SPECIFICALLY APPENDIX 1 – 'TEMPORARY WELFARE UNITS'. ENSURE ACCESS AND EGRESS ROUTES ARE KEPT CLEAR AND FREE OF ANY MATERIALS. DO NOT STORE ANY FLAMMABLE MATERIALS WITHIN THE WELFARE FACILITY OUTSIDE OF THE DESIGNATED STORAGE CONTAINER. ENSURE LPG BOTTLES FOR USE WITHIN THE WELFARE FACILITIES ARE LOCATED EXTERNAL TO THE CABIN. ENSURE LPG BOTTLES ARE TURNED OFF AT NIGHT. ENSURE SUITABLE AND SUFFICIENT FIRE EXTINGUISHERS ARE AVAILABLE AND LOCATED AT APPROPRIATE LOCATIONS WITHIN THE WELFARE FACILITIES AND ARE CHECKED BY A COMPETENT PERSON. ENSURE FIRE INSPECTIONS AND FIRE DRILLS INCLUDE THE WELFARE FACILITIES. ENSURE THAT ALL PERSONNEL AND VISITORS TO SITE RECEIVE INDUCTION. OBSERVE GOOD HOUSEKEEPING TO REDUCE AVAILABLE FUEL (I.E. REMOVE RUBBISH, DON'T STOCKPILE MATERIALS IN BUILDINGS / ADJACENT TO BUILDINGS). NO SMOKING IN PROHIBITED AREAS (USE DESIGNATED SMOKING AREAS). USE SEALED CONTAINERS FOR FLAMABLE LIQUIDS. DO NOT HANG CLOTHING TO DRY OVER HEATERS. OBSERVE AND FOLLOW HOT WORKS PROCEDURES (HOT WORKS PERMIT). SWITCH OFF ELECTRICAL EQUIPMENT WHEN NOT IN USE. KNOW WHERE THE FIRE EXTINGUISHERS ARE AND WHICH ONE TO USE. KNOW WHERE THE ASSEMBLY POINT IS AND HOW TO GET THERE. ALL PERSONNEL ON SITE TO SIGN IN AND OUT. FIRE MARSHALL / SITE MANAGER DESIGNATED TO CO-ORDINATE ALL SITE EMERGENCY PROCEDURES AND CALL EMERGENCY SERVICES (IF REQUIRED).	PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>
PART 2 SITE SPECIFIC ASSESSMENT	
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-	ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site	FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.
ADDITIONAL CONTROL MEASURES REQUIRED:-	LIST EXTRA PPE:-
ASSESSMENT OF RESIDUAL RISK Severity 4 x Likelihood 2 = Risk 8	
PREPARED BY: ECC	DATE: 05/06/2025
RECEIVED/REVIEWED AT SITE BY:	DATE:

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PROJECT RISK ASSESSMENT (RA51)		WORK ACTIVITY: USE OF MOBILE PHONES ON SITE	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- VULNERABILITY TO OTHER HAZARDS DUE TO DISTRACTION. DISTRACTION MAKING OTHERS VULNERABLE.		PERSONS/PROPERTY EXPOSED ARE:- ALL ON SITE	
ASSESSMENT OF RAW RISK Severity 4 x Likelihood 3 = Risk 12			
CONTROL MEASURES REQUIRED:- OUR GENERAL COMPANY –WIDE POLICY REGARDING THE USE OF MOBILE PHONES ON SITE IS THAT MOBILE PHONES SHALL NOT BE USED ANYWHERE OTHER THAN IN THE WELFARE FACILITIES, DESIGNATED CAR-PARK OR DESIGNATED SMOKING AREA, I.E. THEY ARE NOT TO BE USED WITHIN THE DESIGNATED WORKS AREA. THE SOLE EXCEPTION TO THIS PROVISION IS THE SITE MANAGER / FOREMAN WHO NEEDS TO BE CONTACTABLE THROUGHOUT THE WORKING DAY IN ORDER TO DISCHARGE HIS OBLIGATIONS. SINCE THE SITE MANAGER / FOREMAN, BY DEFINITION, WILL NOT BE IN CONTROL OF OPERATED PLANT / EQUIPMENT AND WILL ALWAYS ENSURE HE IS SUPERVISING OR OBSERVING ONGOING WORKS FROM A SAFE POSITION HIS MAKING OR RECEIVING CALLS WILL NOT EXPOSE HIM TO A SIGNIFICANTLY INCREASED RISK OF HARM; HOWEVER, WHEN MAKING OR RECEIVING A CALL, THE SITE MANAGER / FOREMAN IS TO REMAIN STATIONERY IN A SAFE LOCATION AND NOT TO WALK AROUND THE WORKS AREA.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
ASSESSMENT OF RESIDUAL RISK Severity 4 x Likelihood 2 = Risk 8			
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PROJECT RISK ASSESSMENT (RA53)		WORK ACTIVITY: NOISE	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- SHORT- OR LONG-TERM DAMAGE TO HEARING. LACK OF CONCENTRATION. IRRITABILITY DUE TO – SUDDEN IMPACT NOISE, LOUD NOISE, PROLONGED EXPOSURE TO NOISE.		PERSONS/PROPERTY EXPOSED ARE:- ALL SITE PERSONNEL/VISITORS	
ASSESSMENT OF RAW RISK Severity 3 x Likelihood 3 = Risk 9			
CONTROL MEASURES REQUIRED:- USE (SUPER) SILENCED PLANT WHERE AVAILABLE. MONITOR NOISE LEVELS. IF SHOUTING AT 2M THE LEVEL IS PROBABLY AROUND 80DB (A), HEARING PROTECTION MUST BE AVAILABLE AND YOU SHOULD WEAR IT. IF SHOUTING AT 1M THE LEVEL IS PROBABLY AROUND 85DB (A), HEARING PROTECTION MUST BE WORN, HEARING PROTECTION ZONES TO BE SIGNED AND ESTABLISHED. ENSURE THAT HEARING PROTECTION IS A GOOD FIT, COMPATIBLE TO OTHER PPE AND IS THE CORRECT STANDARD. ENSURE THAT HEARING PROTECTION IS CLEAN AND WELL MAINTAINED. DO NOT RE-SUE DISPOSABLE EAR PLUGS. IF THERE IS ANY DOUBT, STOP AND HAVE AN ASSESSMENT MADE.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs ✓ Ear muffs ✓ Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
ASSESSMENT OF RESIDUAL RISK Severity 3 x Likelihood 2 = Risk 6			
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

PROJECT RISK ASSESSMENT (RA56)		WORK ACTIVITY: MOBILE CRUSHER & SCREENER	
SITE – Smithies		PROJECT NO: 228	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PART 1 RISK ASSESSMENT	
MAIN HAZARDS ARE:- CONTACT WITH HEAVY PLANT WHEN MOVING. CRUSHING IN MACHINERY. FALLS FROM PLATFORMS. CONTACT WITH EJECTED, CRUSHED CONCRETE. DUST, NOISE. VIBRATION. CRUSHING HANDS / FINGERS IN HOPPER. REMOVAL OF TRAPPED MATERIAL IN HOPPER, JAWS, BELT (METAL, WOOD, PLASTIC, HARDCORE ETC).	PERSONS/PROPERTY EXPOSED ARE:- OPERATORS OTHER SITE PERSONNEL

<u>ASSESSMENT OF RAW RISK</u>	Severity 5 Risk 20	x Likelihood 4 =
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CONTROL MEASURES REQUIRED:- FULLY TRAINED AND COMPETENT OPERATORS. MAINTENANCE AND INSPECTION REGIME TO BE FOLLOWED INC DAILY CHECKS. ACCESS TO MOVING PARTS TO BE PREVENTED BY GUARDS, INTERLOCKS TO BE USED TO STOP MACHINE WHEN GUARDS REMOVED. ALL GUARDS TO BE IN PLACE WHEN PLANT IN OPERATION AND INSPECTED PRIOR TO STARTING WORKS. MACHINE TO BE ISOLATED PRIOR TO ENTRY. EMERGENCY STOP BUTTONS TO BE IN PLACE AND TESTED AT THE START OF EACH SHIFT. GUARDING TO BE IN PLACE TO ALL PLATFORMS. SAFE ACCESS / EGRESS TO BE PROVIDED. EXCLUSION ZONES TO BE SET UP AND MARKED TO EXCLUDE PERSONNELFROM CRUSHER / SCREENER AREA AND SPOIL HEAP. HEARING PROTECTION (EAR DEFENDERS NOT PLUGS), PROTECTIVE BOOTS, GLOVES, DUST MASK, GLASSES AND HIGH VISIBLTY VEST TO BE USED IN VICINITY OF THE CRUSHER / SCREENER. OPERATIVES MUST CEASE LOADING OF THE HOPPER AND TURN OFF THE CRUSHER IF NEEDED TO REMOVE MATERIALS FROM THE HOPPER. UNDER NO CIRCUMSTANCES ARE OPERATORS TO PUT HANDS INTO THE HOPPER WHILE OPERATIONAL. THE CRUSHER / SCREENER IS TO BE ISOLATED COMPELETLY AND ALL WORKS CEASED IN ORFDER TO CARRY OUT ANY MAINTENANCE / REMOVAL OF MATERIALS FROM ANY PART OF THE CRUSHER / SCREENER. DAILY ENVIRONMENTAL CHECKLIST TO BE COMPLETED AND STORED. CRUSHER & SCREENER TO HAVE LICENCE TO OPERATE AND LOCALLY AUTHORITY (PLACE OF OPERATION & LICENSING AUTHORITY) TO BE INFORMED OF SITE / AREA BEING OPERATED IN. WATER DUST SUPPRESSION TO BE IN OPERATION (EITHER ON THE CRUSHER / SCREENER) OR IN THE FORM OF A PRESSURE WASHER, TRACTOR AND BOWSER BEFORE WORKS COMMENCE. CRUSHER / SCREENER TO BE POSITIONED ON SOILD AND EVEN GROUND DURING USE. CRUSHER / SCREENER OPERATIVE TO BE AWARE OF OTHER PLANT OPERATORS IN THE VICINITY OF THE CRUSHER / SCREENER (I.E. EXCAVATOR OPERATOR LOADING THE CRUSHER / SCREENER, SHOVEL, EXCAVATOR, TELEHANDLER ETC. REMOVING MATERIALS FROM THE BELT.) OEPRATORS LOADING THE SRENNER / CRUSHER AND REMOVING MATERIALS FROM THE BELT TO BE AWARE OF THE CRUSHER / SCREENER OPERATIVE AT ALL TIMES. CRUSHER / SCREENER OPERATIVE TO MINIMISE TIME SPENT ON THE HOPPER ACCESS / EGRESS / VIEWING PLATFORM TO REDUCE VIBRATION EXPOSURE AND RISK FROM BEING STRUCK BY MATERIALS IN THE HOPPER. ACCESS IS REQUIRED TO CHECK THE HOPPER AND MATERIAL AND AVAOID JAMS ETC. ENSURE KEYS ARE REMOVED FROM ALL PLANT WHEN NOT IN USE.	PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection ✓ Dust masks (FFP3) ✓ Ear plugs ✓ Ear muffs ✓ Gloves ✓ Protective overalls ✓ Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>
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PART 2 SITE SPECIFIC ASSESSMENT	
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u>	<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u>
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u> All Personnel on site	<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> Duration of the current project and works.

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING
 6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE PRINTED COPIES WILL NOT BE KEPT UP TO DATE
 1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:- WET WEATHER COVERALLS IF REQUIRED
ASSESSMENT OF RESIDUAL RISK		Severity 5 Risk 5
PREPARED BY: ECC		DATE: 05/06/2025
RECEIVED/REVIEWED AT SITE BY:		DATE:

PROJECT RISK ASSESSMENT (RA 61)	WORK ACTIVITY: RESPIRABLE CRYSTALLINE SILICA
SITE – Smithies	PROJECT NO: 228

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

- 9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING
- 6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE
- 1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- STUDIES SHOW THAT RESPIRABLE CRYSTALLINE SILICA (RCS) HAS THE POTENTIAL TO CAUSE SILICOSIS AND LUNG CANCER IN HUMANS, ESPECIALLY WHEN THAT EXPOSURE IS HEAVY AND PROLONGED.	PERSONS/PROPERTY EXPOSED ARE:- ALL SITE PERSONNEL GENERAL PUBLIC		
<u>ASSESSMENT OF RAW RISK</u>	Severity 4	x	Likelihood 4 = Risk 16
CONTROL MEASURES REQUIRED:- APPLY THE FOLLOWING HIERARCHY TO REDUCE EXPOSURE TO DUST WHERE POSSIBLE: ELIMINATION, SUBSTITUTION, ENGINEERING CONTROLS, ADMININSTRATIVE CONTROLS, PPE / RPE & EQUIPMENT. IN GENERAL RCS IS GENERATED ON SITE BY DEMOLITION ACTIVITIES (E.G. PULVERISING, CRUSHING, CUTTING MATERIAL, RE-HANDLING GRANULAR MATERIAL AND PASSAGE OF PLANT OVER DUSTY MATERIAL). FEW IF ANY OF THESE TASKS CAN BE ELIMINATED OR SUBSTITUTED THEREFORE ENGINEERING CONTROLS USING AN OPTIMUM AMOUNT OF WATER TO SUPPRESS DUST AND PREVENT IT BECOMING AIRBORNE IS LIKELY TO BE THE MOST APPROPRIATE COLLECTIVE CONTROL MEASURE; IN ADDITION TO THIS, OPERATIVES SHOULD HAVE A SUITABLE SUPPLY OF FFP3 RATED DISPOSABLE ORAL – NASAL FACEMASKS AVAILABLE TO THEM IF IT LIKELY THEY WILL BE EXPOSED TO RCS AT OR ABOVE THE LONG TERM (8hr TWA) WEL OF 0.1mg/m3. OPERATIVES SHOULD HAVE A CURRENT FACE-FIT TEST CERTIFICATE FOR THE AVAILABLE RPE AND BE CLEAN SHAVEN FOR THE RPE TO BE EFFECTIVE.	PPE:- (tick if required) Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input type="checkbox"/> Dust masks (FFP3) <input checked="" type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>		
PART 2 SITE SPECIFIC ASSESSMENT			
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u>	<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u>		
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u> All Personnel on site	<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> Duration of the current project and works.		
<u>ADDITIONAL CONTROL MEASURES REQUIRED:-</u>	<u>LIST EXTRA PPE:-</u>		
<u>ASSESSMENT OF RESIDUAL RISK</u>	Severity 4	x	Likelihood 2 = Risk 8
<u>PREPARED BY:</u> ECC	<u>DATE:</u> 05/06/2025		
<u>RECEIVED/REVIEWED</u> <u>AT SITE BY:</u>	<u>DATE:</u>		

PROJECT RISK ASSESSMENT (RA62)	WORK ACTIVITY: DOZER, TRACKED & WHEELED LOADING SHOVEL
SITE – Smithies	PROJECT NO: 228

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING
 6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE
 1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- CRUSHING. STRIKING PERSONNEL & PROPERTY.	PERSONS/PROPERTY EXPOSED ARE:- OPERATORS OTHERS ON SITE		
<u>ASSESSMENT OF RAW RISK</u>	Severity 4	x	Likelihood 4 = Risk 16
CONTROL MEASURES REQUIRED:- DRIVERS TO BE TRAINED AND COMPETENT. MACHINES TO BE INSPECTED DAILY BY DRIVERS PRIOR TO START OF WORKS AND LOGGED ON INSPECTION SHEET. FAULTS TO BE REPORTED IMMEDIATELY, CEASE WORK UNTIL RECTIFIED. OPERATE AT A SAFE SPEED ACCORDING TO SITE CONDITIONS AND SPEEDS. DRIVERS TO REMAIN ALERT TO THE PRESENCE OF OTHER VEHICLES AND PEDESTRIANS. NEVER OPERATE THE MACHINE CONTROLS AWAY FROM THE USUAL DRIVING POSITION. BE ALERT FOR SOFT GROUND AND OTHER OBSTRUCTIONS. ENSURE THAT ALL UNDERGROUND SERVICES ARE IDENTIFIED WITHIN THE WORKS AREA. WHERE NECESSARY A COMPETENT, TRAINED TRAFFIC MARSHALL TO BE PROVIDED. NO PERSON SHALL APPROACH THE MACHINE WITHOUT THE DRIVERS HAVING ACKNOWLEDGED HE HAS NOTED THAT PERSON'S PRESENCE. DO NOT UNDERCUT THE WORKFORCE. DO NOT ALLOW PASSENGERS ONTO THE MACHINE. ENSURE THE VEHICLE IS PARKED SAFELY AND KEYS REMOVED BEFORE VACATING IT. IDENTIFY ANY DANGERS IN SITE INDUCTION. ENSURE KEYS ARE REMOVED FROM ALL PLANT WHEN NOT IN USE. ALL PERSONNEL WORKING ON SITE ARE TO READ, UNDERSTAND, SIGN ONTO AND FOLLOW THE WORKS SPECIFIC METHOD STATEMENT IN CONJUNCTION WITH THESE RISK ASSESSMENTS.	PPE:- (tick if required) Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>		
PART 2 SITE SPECIFIC ASSESSMENT			
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u>	<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u>		
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u> All Personnel on site	<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> Duration of the current project and works.		
<u>ADDITIONAL CONTROL MEASURES REQUIRED:-</u>	<u>LIST EXTRA PPE:-</u>		
<u>ASSESSMENT OF RESIDUAL RISK</u>	Severity 4	x	Likelihood 2 = Risk 8
<u>PREPARED BY:</u> ECC	<u>DATE:</u> 05/06/2025		
<u>RECEIVED/REVIEWED</u> <u>AT SITE BY:</u>	<u>DATE:</u>		

PROJECT RISK ASSESSMENT (RA 64)	WORK ACTIVITY: TOWABLE / RIDE ON ROLLER
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RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING
 6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE
 1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- CONTACT / IMPACT. ENTANGLEMENT. OVERTURNING. NOISE.		PERSONS/PROPERTY EXPOSED ARE:- OPERATORS OTHER SITE PERSONNEL	
ASSESSMENT OF RAW RISK Severity 4 x Likelihood 4 = Risk 16			
CONTROL MEASURES REQUIRED:- DRIVERS TO BE TRAINED AND COMPETENT. ROPES MUST BE FITTED AND INSPECTED DAILY (IF NO CAB FITTED AND ON RIDE ON ROLLERS ONLY). MACHINES TO BE INSPECTED DAILY PRIOR TO USE AND MAINTAINED REGULARLY. FAULTS TO BE REPORTED IMMEDIATELY CEASE WORK UNTIL RECTIFIED. OPERATE AT SAFE SPEED ACCORDING TO SITE CONDITIONS AND SPEED LIMIT. DRIVER TO REMAIN ALERT TO THE PRESENCE OF OTHER VEHICLES AND PEDESTRIANS. DO NOT ALLOW PASSENGERS ONTO THE MACHINE. NEVER OPERATE THE MACHINE CONTROLS AWAY FROM THE USUAL DRIVING POSITION. DRIVER MUST ENSURE THAT NO PERSONS ENTER THE CRUSH ZONE BETWEEN THE TWO SECTIONS OF THE MACHINE. DRIVER MUST ENSURE THAT NO MATERIALS OR PERSONNEL COME INTO CONTACT WITH THE DRIVESHAFT IF EXPOSED. DRIVER MUST USE THE SEATBELT PROVIDED AT ALL TIMES. ENSURE THE VEHICLE IS PARKED SAFELY AND KEYS REMOVED BEFORE VACATING IT. KEEP AWAY FROM EXCAVATORS. SLOPES ARE NOT TO BE TRAVERSED. KEEP OFF SOFT GROUND AND AWAY FROM UNPROTECTED EDGES AT ANY HEIGHT. ENSURE KEYS ARE REMOVED FROM ALL PLANT WHEN NOT IN USE. WEAR GLASSES AND GLOVES IN OPEN CAB ROLLERS.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection ✓ Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves ✓ Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
ALL PERSONNEL WORKING ON SITE ARE TO READ, UNDERSTAND, SIGN ONTO AND FOLLOW THE WORKS SPECIFIC METHOD STATEMENT IN CONJUNCTION WITH THESE RISK ASSESSMENTS.			
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
ASSESSMENT OF RESIDUAL RISK Severity 4 x Likelihood 2 = Risk 8			
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

PRINTED COPIES WILL NOT BE KEPT UP TO DATE

PROJECT RISK ASSESSMENT (RA 68)		WORK ACTIVITY: ASBESTOS REMOVAL BY LICENSED CONTRACTOR	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- ASBESTOSIS / FIBROSIS. MESOTHELIOMA. LUNG CANCER. POTENTIAL EXPOSURE TO ASBESTOS FIBRES. MANUAL HANDLING. HAND TOOLS / PLANT / EQUIPMENT.		PERSONS/PROPERTY EXPOSED ARE:- ASBESTOS OPERATIVES ALL SITE PERSONNEL GENERAL PUBLIC / VISITORS	
<u>ASSESSMENT OF RAW RISK</u>		Severity 4 Risk 16	x Likelihood 4 =
CONTROL MEASURES REQUIRED:- LICENSED CONTRACTOR TO BE FORMALLY APPOINTED, PRE-QUALED AND HAVE ALL RELEVANT CERTIFICATION, LICENSING, INSURANCE AND TRAINING. CONTRACTOR TO PROVIDE PLAN OF WORKS AND SUBMIT 14 DAY NOTIFICATION TO HSE (ASB5). FULL R&D ASBESTOS SURVEY TO BE ON SITE AND AVAILABLE AT ALL TIMES. CONTRACTOR TO ENSURE ALL EQUIPMENT IS TESTED, IN DATE AND SUFFICIENT FOR NOTIFIABLE ASBESTOS REMOVAL. CONTRACTOR TO PROVIDE CERTIFICATION FOR DE-CON UNIT AND NEGATIVE PRESSURE UNITS. AIR CLEARENCE TEST TO BE CARRIED OUT BY INDEPENDENT ANALYST. CONTRACTOR TO PROVIDE SYKESIDE WITH ALL RELEVANT AIR CLEARENCE CERTS ETC ONCE COMPLETE.		PPE:- (tick if required) Safety helmets ✓ Hi-Vis Jackets ✓ Safety footwear ✓ Eye protection ✓ Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves ✓ Protective overalls ✓ Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus ✓	
PART 2 SITE SPECIFIC ASSESSMENT			
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u>		<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u>	
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u> All Personnel on site		<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> Duration of the current project and works.	
<u>ADDITIONAL CONTROL MEASURES REQUIRED:-</u>		<u>LIST EXTRA PPE:-</u>	
<u>ASSESSMENT OF RESIDUAL RISK</u>		Severity 4 Risk 8	x Likelihood 2 =
<u>PREPARED BY:</u> ECC		<u>DATE:</u> 05/06/2025	
<u>RECEIVED/REVIEWED AT SITE BY:</u>		<u>DATE:</u>	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

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PROJECT RISK ASSESSMENT (RA 69)		WORK ACTIVITY: ASBESTOS (GENERAL)	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
MAIN HAZARDS ARE:- ASBESTOSIS / FIBROSIS. MESOTHELIOMA. LUNG CANCER. POTENTIAL EXPOSURE TO ASBESTOS FIBRES. MANUAL HANDLING. HAND TOOLS / PLANT / EQUIPMENT.		PERSONS/PROPERTY EXPOSED ARE:- ALL ON SITE GENERAL PUBLIC / VISITORS	
ASSESSMENT OF RAW RISK		Severity 4 Risk 16	x Likelihood 4 =
CONTROL MEASURES REQUIRED:- IF ASBESTOS IS SUSPECTED REPORT IT IMMEDIATELY, ASBESTOS WORK IS A SPECIALIST ACTIVITY. ASBESTOS INSULATION AND SPRAYED COATINGS MAY BE FOUND ON BOILERS, PLANT, DUCTING, TEXTURED COATINGS AND PAINTS, FIRE PROTECTION AND THERMAL INSULATION, CLADDING, CEMENT ROOFING SHEETS, RAINWATER GOODS. THE ASBESTOS FIBRES CAUSE SCARRING IN THE LUNGS LEADING TO ASBESTOSIS OR FIBROSIS. IT ALSO CAUSES LUNG CANCER AND CANCER OF THE CHEST WALL (MESOTHELIOMA). SMOKERS ARE AT A HIGHER RISK FROM ASBESTOS RELATED DISEASES. ALL ASBESTOS WORKS ARE TO BE IN LINE WITH CAR2012 ACOP REQUIREMENTS AND HSE ASBESTOS ESSENTIALS GUIDELINES. ENSURE ALL OPERATIVES HAVE APPROPRIATE TRAINING AND USE APPROPRIATE WETTING TECHNIQUES. FIBRE RELEASE AND EXPOSURE IS TO BE CONTROLLED AND CONTAINED AND WITHIN GUIDELINES OF <0.01F PER CUBIC CENTIMETRES OF AIR OVER A CONTINUOUS PERIOD OF 4 HRS. FOR ASBESTOS CEMENT SHEETS WET THEM BEFORE REMOVAL, CROP RETAINING BOLTS AND REMOVE WHOLE. USE APPROPRIATE PPE - DISPOSABLE OVERALLS, SUITABLE DUST MASK, GLOVES, SAFETY GLASSES. USE APPROPRIATE WETTING TECHNIQUES TO REDUCE FIBRE RELEASE AND EXPOSURE. ECC EMPLOY CAT B NNNL (NON-NOTIFIABLE NON LICENSED) ASBESTOS REMOVAL OPERATIVES. THESE OPERATIVES ARE TRAINED AND COMPETENT TO REMOVE CEMENT BONDED ASBESTOS PRODUCTS AND TO PICK / REMOVE ASBESTOS CEMENT DEBRIS (THESE ITEMS INCLUDE ASBESTOS CEMENT SHEETING EITHER WHOLE OR FRAGMENTS, VINYL TILES, RAIN WATER GOODS, GASKETS, ROPE AND TEXTURED COATING PRODUCTS).		PPE:- (tick if required) Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input type="checkbox"/> Dust masks (FFP3) <input checked="" type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input checked="" type="checkbox"/> Protective overalls <input checked="" type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-		ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-	
MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:- All Personnel on site		FREQUENCY AND DURATION OF ACTIVITY:- Duration of the current project and works.	
ADDITIONAL CONTROL MEASURES REQUIRED:-		LIST EXTRA PPE:-	
ASSESSMENT OF RESIDUAL RISK		Severity 4 Risk 8	x Likelihood 2 =
PREPARED BY:	ECC	DATE:	05/06/2025
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

1 – 5 NO FURTHER ACTION REQUIRED, REVIEW PERIODICALLY

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PROJECT RISK ASSESSMENT (RA 72)		WORK ACTIVITY: Control of Asbestos fibres contained in soils on site.	
SITE – Smithies		PROJECT NO: 228	
PART 1 GENERIC RISK ASSESSMENT			
<u>MAIN HAZARDS ARE:-</u> Asbestosis/fibrosis Mesothelioma Lung cancer		<u>PERSONS/PROPERTY EXPOSED ARE:-</u> Remediation operatives Other site personnel General public	
<u>ASSESSMENT OF RAW RISK</u>		Severity 4 Risk 16	x Likelihood 4 =
<u>CONTROL MEASURES REQUIRED:-</u> All works are to be undertaken as per ECC 's RAMS. All operatives ate trained and have current face fit test Correct PPE is being worn (FFP3 face mask, protective overalls, gloves) Locking, sealed skip to be provided for waste Constant Dampening down / wetting of soils to supress fibre release. Air monitoring is in place on site and at site boundaries. Restricted access to site, especially contaminated areas (inc visitors) Ensure area is signed and wearing of correct PPE enforcement in place Ensure waste is double bagged and removed at end of shift (PPE & RPE) Check waste transfer notes before removal of skips from site.		<u>PPE:- (tick if required)</u> Safety helmets <input type="checkbox"/> Hi-Vis Jackets <input type="checkbox"/> Safety footwear <input type="checkbox"/> Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u> NONE		<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u> NONE	
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u>		<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> DURATION OF PROJECT	
<u>ADDITIONAL CONTROL MEASURES REQUIRED:-</u>		<u>LIST EXTRA PPE:-</u>	
<u>ASSESSMENT OF RESIDUAL RISK</u>		Severity 3 Risk 6	x Likelihood 2 =
<u>PREPARED BY:</u>	ECC .	<u>DATE:</u>	05/06/2025
<u>RECEIVED/REVIEWED AT SITE BY:</u>		<u>DATE:</u>	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

6 – 8 PRIORITISE AND CONTROL AS FAR AS REASONABLY PRACTICABLE

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PROJECT RISK ASSESSMENT (RA 73)		WORK ACTIVITY: Fencing around temporary excavations inc Manual Handling	
SITE – Smithies		PROJECT NO: 228	
PART 1 RISK ASSESSMENT			
<u>MAIN HAZARDS ARE:-</u> Manual Handling - Cuts and abrasions, Crushing of limbs, fingers, toes, Straining of muscles and joints, Back and groin injuries, Walking over uneven ground while carrying loads (Fencing), slips trips and falls. Fencing Around Temporary Excavations – Manual handling, operatives in close proximity to excavations, operatives / fencing being struck by plant / machinery. Unstable ground / excavations, water.		<u>PERSONS/PROPERTY EXPOSED ARE:-</u> All personnel.	
ASSESSMENT OF RAW RISK		Severity 3	x Likelihood 4 = Risk 12
<u>CONTROL MEASURES REQUIRED:-</u> Temporary excavations when undertaking Proprietary and remedial earthworks across site. Large Works areas are fenced off with anti-climb type fencing and appropriate signage. No personnel required to work in or near excavations Excavations to be backfilled and or battered. Constant assessments of the ground conditions and working platforms Considerations given to the weather Segregation from other works activities and other contractors on site inc plant and machinery. Daily liaison with other contractor on site covering working operations. Trained, skilled and experienced operatives. Modern and well maintained Plant. GPS controlled plant undertaking the works to reduce the incidents of un-necessary excavations and to the controlled depth and length. Site is fully fenced and secured. Daily perimeter fencing checks. Out of hrs security provision. MANUAL HANDLING - Assess the load, the task, the individual and the environment (“LITE”) Manual Handling must be avoided wherever possible so maximise the use of mechanical means in any aspect of construction works.		<u>PPE:- (tick if required)</u> Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Ear muffs <input type="checkbox"/> Gloves <input type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/>	
PART 2 SITE SPECIFIC ASSESSMENT			
<u>ADDITIONAL SPECIFIC HAZARDS IDENTIFIED ARE:-</u> NONE		<u>ADDITIONAL PERSONS/PROPERTY EXPOSED ARE:-</u> NONE	
<u>MAX No OF PEOPLE INVOLVED IN THE ACTIVITY:-</u> All Personnel on site		<u>FREQUENCY AND DURATION OF ACTIVITY:-</u> Duration of the current project and works.	
<u>ADDITIONAL CONTROL MEASURES REQUIRED:-</u> Manual handling to be limited. Use machines equipment where possible.		<u>LIST EXTRA PPE:-</u> PPE under constant review.	
ASSESSMENT OF RESIDUAL RISK		Severity 3	x Likelihood 2 = Risk 6
PREPARED BY: ECC		DATE: 05/06/2025	
RECEIVED/REVIEWED AT SITE BY:		DATE:	

RAW/RESIDUAL RISK RATING	SEVERITY	LIKELIHOOD
5	EXTREME – MULTIPLE DEATHS	PROBABLE
4	HIGH – SINGLE DEATH OR MULTIPLE SERIOUS INJURY	VERY LIKELY
3	MODERATE – RIDDOR INJURY	LIKELY
2	SLIGHT – MINOR INJURY, NO LOST TIME	POSSIBLE
1	NIL – NO INJURY/NEAR MISS	NOT LIKELY

9 – 25 PUT CONTROLS IN PLACE BEFORE COMMENCING TO REDUCE RISK RATING

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