Logo	Hazard Identification & Risk Assessment - Brick Laying	Doc Ref #: XYZ/IMS/HSE/F/00 Issue Date: DD-MM-YYYY Rev #: 00
	QHSE Forms	
	Organization Name	

Assessment #		**Project Name**			
Location		**Assessor Name**			
Activity	Brick Laying	**Assessed On**		**Re-Assessment**	

S/#	Hazards	Corresponding Risks/ Hazard Effects	People At Risk	Risk Level			Control Measures	Responsible Person
				L	S	R.L		
1	Dermatitis	- Skin infection - Dermatitis - Exposure to allergic substances	Employees Operators Visitors Social life	3	3	9	- COSHH assessments should be done for all kind of chemicals and sensitizers. - Worker should be provided with the PPEs to perform the job. - Masks and coveralls should be available before start of the job. - Working with wet material should be limited. - Workers should be trained to work with substances where ingredients causing dermatitis are possible. - Workers should be advised to wash hands when working with dermatitis causing substances. - Workers should be provided gloves to ensure their hands contact with dermatitis causing substance is prevented. - Anti-dermatitis cream should be provided. - Food processors should be used to ensure the food is hygiene.	HSE Manager Site Foreman Workers

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							- Housekeeping standards should be good. - Workers should go through health inspection. - First aid arrangement should be made onsite. - Workers should be provided with information.	
2	Angle Grinder	- Physical Injuries - Electrocution - Noise - Hit by Flying objects - Entanglement - Trip and fall - Dust inhalation	Operator Workforce Employees Visitors	5	4	20	- Work should be performed at safe location. - Dust absorbing machine should be used onsite. - The grinder should be guarded fully. - The equipment should be fully inspected and maintained properly. - Electric cord should be in good condition, properly insulated. - Workers and grinder user should be provided with the noise protection. - Work area should be segregated and away from the other workers to avoid hitting by flying objects e.g., broken disc, brick pieces. - Loose clothing, jewelry should be avoided, to prevent any entanglement incident with the running disc. - Battery powered grinder should be used. If not possible, power cord should be covered and away from the pedestrian passage. - Masks should be used to avoid the dust inhalation.	HSE Manager Site Foreman Workers

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							- Ensure the bricks that are to be cut using grinder are wet enough to limit the dry dust presence.	
3	Housekeeping	- Slip, Trip & Fall	Workforce Visitors Public	3	3	9	- Workplace should be kept free of water & mud. - Wet bricks should be kept at safe location. - Pedestrians' passageway should be clean. - Any spilled water or any other lubricant should be cleaned properly. -	HSE Manager Site Foreman Workers
4	Physical Injuries	- Crush Injuries - Cuts and bruises - Fall from height leading to head injuries	Mason Worker Public Visitor	5	4	20	- Implement drop objects prevention program. - Worker's working near working area should be prevented. - Place safety signs to alert others about falling objects, area should be barricaded. - Workers should be trained to perform job safely. - Emergency response plan and arrangements should be made available onsite. - Site supervision and controlling should be done.	HSE Manager Site Foreman Workers
5	Manual Handling	- Back injuries - Musculoskeletal injuries	Mason Workers	3	2	6	- Manual handling should be avoided. - Workers should be provided with the lift system to shift load from ground to height.	HSE Manager Site Foreman Workers

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		- Work related upper limb disorder					- Lorries and hoists should be used to shift load from location to location. - Workers should be trained and experienced to perform the job safely. - Repetitive job should be divided into parts to ensure they are performed safely. - Brakes should be taken during job execution to ensure workers are not under stress. - If anything, wrong is observed, stop the job. - Job sharing to ensure one person don't complete the task alone. - Load above 25kg should not be shifted manually instead use help or mechanical aid to prevent an kind of damage to the worker as well as the load itself. - Climbing with load is not allowed by law.	
6	Mortar entry into eyes	- Eye damage - Inflammation - Irritation	Workers Mason Public	3	2	6	- Workers should be provided with goggles. - Avoid splashing and throwing the mortar. - Provide first aid and eye wash station at worksite. - Workers should be trained and experienced. - Workers should be advised about punitive action in case they are seen throwing mortar.	HSE Manager Site Foreman Workers

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							- Transportation arrangements to shift worker to hospital in case situation deteriorates.	
7	Skin contacts with mortar	- Skin irritation - Inflammation	Workers Mason Public	3	2	6	- Workers should be provided with the PPEs and long sleeve gloves. - Trained and experienced workforce usage. - Reduce exposure of skin to mortar. - Provision of training and guidelines. - Provision of body wash station, first aid, and anti-inflammation cream onsite. - Transportation arrangements to shift worker to hospital in case situation deteriorates.	HSE Manager Site Foreman Workers
8	Use of hand tools	- Physical injuries - Cuts and bruises	Workers Mason Public	3	3	9	- Tools should be safe and well maintained. - Sharp edge tools should be avoided from use. - Tools shouldn't be hold when climbing. - Tools should be stored at safe location. - Tools shouldn't be used near the edge when working at height. - Workers should be trained and guided about tools use. - Correct tool should be used for relevant job. - Damaged and defective tools shouldn't be used, replace these tools with correct ones.	HSE Manager Site Foreman Workers

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9	Falling objects	- Injuries - Damage to equipment	Workers Public	3	4	12	- Work area should be protected with the barriers and no entry signs. - Safety chutes should be installed to prevent the fall of the objects. - Implement the Dropped Objects program. - Workers should be trained and experienced. - Workers should be provided with PPEs and head protection. - Work activities near the areas where work at height is being performed should be restricted. - work platforms for work at height should be provided with toe boards. - Training and guidelines should be provided during induction. - Close supervision and workers monitoring.	HSE Manager Site Foreman Workers
10	Cement inhalation	- Irritation - Breathing problem	Workers Mason Public	3	4	12	- Workers should be provided with the PPEs. - Face masks should be provided to all of the workers. - Working with cement and mixing should be done in a well-ventilated area. - Gloves and goggles should be used when handling, opening, and mixing cement. - COSHH Assessments should be prepared.	HSE Manager Site Foreman Workers

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							- Emergency response plan should be implemented & transportation arrangements. - Workers should be provided with welfare facilities e.g., first aid kit, eye wash, face wash station.	

Likelihood	Severity				
	Insignificant (1)	Minor (2)	Moderate (3)	Major (4)	Catastrophic (5)
Rare (1)	1	2	3	4	5
Possible (2)	2	4	6	8	10
Likely (3)	3	6	9	12	15
Often (4)	4	8	12	16	20
Frequent/ Certain (5)	5	10	15	20	25

Risk	Risk Level	Required Actions
15-25	Extreme Risk	Activity or industry must no proceed forward in this case.
8-12	High Risk	Activity or industry should be modified to include remedial planning and collection and be subject to detailed EHS Risk Assessment.
4-6	Moderate Risk	Activity or industry can operate subject management and/ or modification.
1-3	Low Risk	**No Action** required, unless risk level escalation is possible.

	Frequency	
Likelihood		Likelihood

	Environment	Health and Safety	
Certain/ Frequent	Continuous or will happen frequently	Occurs frequently	5
Very Likely/Often	5-12 times per year	Occurs several times a year	4
Likely/Probable	1-5 times a year	Has occurred more than once	3
Possible	Once every 5 years	Has occurred	2
Impossible/Rare	Less than once every 5 years	Never occurred	1

Prepared By	Approved By