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

Assessment #		**Project Name**	
Project Site		**Assessed By**	
Assessed On		**Re-Assessment**	
Main Activity	Brick Laying		

S/#	Activity	Corresponding Risk/ Hazard Effects	Risk Level			Control Measures	Responsible Person
			L	S	R.L		
1	Manual handling	- Lifting load beyond limits can lead to muscle wear and tear, musculoskeletal injuries. - Handling weight manually can also case crushing of fingers, and hands when putting back on the ground. - The sharp edges of the load can deliver cuts to the hands, and fingers.	2	2	4	- Handle the load within limits as per law. - Use handling equipment to move the load from location to location. - If required help, seek for it. Don't move the load alone. - Carryout risk assessment of manual handling if load is beyond limits. - Wear PPEs to ensure body is protected.	Site Supervisor HSE Officer Site Foreman
2	Work at height	- Fall from height - Falling objects - Injuries and death	3	4	12	- Provide proper work platform for work at height. - The material should be stacked properly on the work platform for work at height. - The edges should be protected with guard rails to prevent fall from height. - toe boards should be installed to prevent the fall of material and tools from height.	Site Supervisor HSE Officer Site Foreman

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						- Workers should be provided with PFAS/Harness when working at height. - Safety nets should be installed around area. - Work near work platform should be discouraged.	
3	Work area setup	- Poorly communicated work area arrangements can lead to accidents, hits, entry in restricted areas etc.	2	3	6	- Workplace should be setup to ensure it is safe for use. - Parking area should be segregated. - Vehicle movement at worksite should be segregated and route should be designated. - Working near moving equipment should be forbidden. - Safety signs should be installed with caution. - Material and tools should be stored at a reasonable place.	Site Supervisor HSE Officer Site Foreman
4	Material delivery onsite	- Hit by moving vehicle - Fall of material due to poor stacking - Buried under the unloading material - Injuries				- Special route should be allowed to the vehicles delivering material onsite. - Material onsite shall be delivered through the vehicles. - The workers shall be instructed to stay away when material is being delivered. - The material shall be stacked properly on the designated area.	Site Supervisor HSE Officer Site Foreman

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			L	S	R.L		
						- When unloading the material, workers are liable to use PPEs to avoid injuries.	
5	Brick elevator usage	- Collapse of elevator - Injuries and death	2	5	10	- The elevator and surrounding area should be barricaded. - Work around the elevator shall be discouraged. - Workers shall be liable to ensure elevator is not in use when working nearby. - Workers shall report any kind of incident. - Elevator shall be installed with locks.	Site Supervisor HSE Officer Site Foreman
6	Cleaning bricks with chemical	- Exposure to the chemicals - Inhalation of fumes and vapors - Skin irritation - Chemical's entry into body	2	3	6	- The activity shall be avoided if chemical used for cleaning is dangerous. - Use substitute of dangerous chemical. - Study of MSDS of chemicals used for cleaning. - USE of PPEs to prevent any injury.	Site Supervisor HSE Officer Site Foreman

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.

Likelihood	Frequency		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