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

|                      |              |                      |  |
|----------------------|--------------|----------------------|--|
| <b>Assessment #</b>  |              | <b>Project Name</b>  |  |
| <b>Project Site</b>  |              | <b>Assessed By</b>   |  |
| <b>Assessed On</b>   |              | <b>Re-Assessment</b> |  |
| <b>Main Activity</b> | Brick Laying |                      |  |

| S/# | Activity        | Corresponding Risk/<br>Hazard Effects                                                                                                                                                                                                                                                                                                           | Risk Level |   |     | Control Measures                                                                                                                                                                                                                                                                                                                                                                         | Responsible Person                             |
|-----|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
|     |                 |                                                                                                                                                                                                                                                                                                                                                 | L          | S | R.L |                                                                                                                                                                                                                                                                                                                                                                                          |                                                |
| 1   | Manual handling | <ul style="list-style-type: none"> <li>- Lifting load beyond limits can lead to muscle wear and tear, musculoskeletal injuries.</li> <li>- Handling weight manually can also case crushing of fingers, and hands when putting back on the ground.</li> <li>- The sharp edges of the load can deliver cuts to the hands, and fingers.</li> </ul> | 2          | 2 | 4   | <ul style="list-style-type: none"> <li>- Handle the load within limits as per law.</li> <li>- Use handling equipment to move the load from location to location.</li> <li>- If required help, seek for it. Don't move the load alone.</li> <li>- Carryout risk assessment of manual handling if load is beyond limits.</li> <li>- Wear PPEs to ensure body is protected.</li> </ul>      | Site Supervisor<br>HSE Officer<br>Site Foreman |
| 2   | Work at height  | <ul style="list-style-type: none"> <li>- Fall from height</li> <li>- Falling objects</li> <li>- Injuries and death</li> </ul>                                                                                                                                                                                                                   | 3          | 4 | 12  | <ul style="list-style-type: none"> <li>- Provide proper work platform for work at height.</li> <li>- The material should be stacked properly on the work platform for work at height.</li> <li>- The edges should be protected with guard rails to prevent fall from height.</li> <li>- toe boards should be installed to prevent the fall of material and tools from height.</li> </ul> | Site Supervisor<br>HSE Officer<br>Site Foreman |

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|-----|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
|     |                          |                                                                                                                                                                                       | L          | S | R.L |                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |
|     |                          |                                                                                                                                                                                       |            |   |     | <ul style="list-style-type: none"> <li>Workers should be provided with PFAS/Harness when working at height.</li> <li>Safety nets should be installed around area.</li> <li>Work near work platform should be discouraged.</li> </ul>                                                                                                                                                                                                     |                                                |
| 3   | Work area setup          | <ul style="list-style-type: none"> <li>Poorly communicated work area arrangements can lead to accidents, hits, entry in restricted areas etc.</li> </ul>                              | 2          | 3 | 6   | <ul style="list-style-type: none"> <li>Workplace should be setup to ensure it is safe for use.</li> <li>Parking area should be segregated.</li> <li>Vehicle movement at worksite should be segregated and route should be designated.</li> <li>Working near moving equipment should be forbidden.</li> <li>Safety signs should be installed with caution.</li> <li>Material and tools should be stored at a reasonable place.</li> </ul> | Site Supervisor<br>HSE Officer<br>Site Foreman |
| 4   | Material delivery onsite | <ul style="list-style-type: none"> <li>Hit by moving vehicle</li> <li>Fall of material due to poor stacking</li> <li>Buried under the unloading material</li> <li>Injuries</li> </ul> |            |   |     | <ul style="list-style-type: none"> <li>Special route should be allowed to the vehicles delivering material onsite.</li> <li>Material onsite shall be delivered through the vehicles.</li> <li>The workers shall be instructed to stay away when material is being delivered.</li> <li>The material shall be stacked properly on the designated area.</li> </ul>                                                                          | Site Supervisor<br>HSE Officer<br>Site Foreman |

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| S/# | Activity                      | Corresponding Risk/<br>Hazard Effects                                                                                                                                                    | Risk Level |   |     | Control Measures                                                                                                                                                                                                                                                                                                                                                        | Responsible Person                             |
|-----|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
|     |                               |                                                                                                                                                                                          | L          | S | R.L |                                                                                                                                                                                                                                                                                                                                                                         |                                                |
|     |                               |                                                                                                                                                                                          |            |   |     | <ul style="list-style-type: none"> <li>- When unloading the material, workers are liable to use PPEs to avoid injuries.</li> </ul>                                                                                                                                                                                                                                      |                                                |
| 5   | Brick elevator usage          | <ul style="list-style-type: none"> <li>- Collapse of elevator</li> <li>- Injuries and death</li> </ul>                                                                                   | 2          | 5 | 10  | <ul style="list-style-type: none"> <li>- The elevator and surrounding area should be barricaded.</li> <li>- Work around the elevator shall be discouraged.</li> <li>- Workers shall be liable to ensure elevator is not in use when working nearby.</li> <li>- Workers shall report any kind of incident.</li> <li>- Elevator shall be installed with locks.</li> </ul> | Site Supervisor<br>HSE Officer<br>Site Foreman |
| 6   | Cleaning bricks with chemical | <ul style="list-style-type: none"> <li>- Exposure to the chemicals</li> <li>- Inhalation of fumes and vapors</li> <li>- Skin irritation</li> <li>- Chemical's entry into body</li> </ul> | 2          | 3 | 6   | <ul style="list-style-type: none"> <li>- The activity shall be avoided if chemical used for cleaning is dangerous.</li> <li>- Use substitute of dangerous chemical.</li> <li>- Study of MSDS of chemicals used for cleaning.</li> <li>- USE of PPEs to prevent any injury.</li> </ul>                                                                                   | Site Supervisor<br>HSE Officer<br>Site Foreman |

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|      | <b>QHSE Forms</b>                                                 |                                                                                         |
|      | <b>Organization Name</b>                                          |                                                                                         |

| 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      | <b>No Action</b> 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          |

|                    |                    |
|--------------------|--------------------|
| <b>Prepared By</b> | <b>Approved By</b> |
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