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| Site: |  | **Contract Number:** |  |
| **Assessed by:** | **Name:** |  | **Position:** |  | **Date:** |  |
| **Signed:** |  |  |
| **Description Of Work:** | Constructing walls and other high level stone works. |
| **Task / Job Component** | Hazard | **Persons at risk** | **Risk Rating L/M/H** | **Controls / Precautions to Reduce Risk** | **Residual Risk Rating****L/M/H** |
| Stonework at high level. | Manual handling. | Masons, labourers, other workers, visitors, unauthorised visitors, general public. | **H** | Training in safe manual handling techniques.* Provide clear access routes to work areas.
* Provide rubbish skips to dispose of waste materials suitable for moving by forklift.
* Arrange for material to be delivered palletised.
* Arrange for size of material to be specified to suit manual handling.
* Provide wheelbarrows, pallet trucks, sack trucks and hoists and specially constructed loading bays and wide working platforms on scaffolds.
* Arrange for water to be piped to point of use.
* Provide ready-mixed mortar.
 | **L** |
|  | Fall of material. | Masons, labourers, other workers, visitors, unauthorised visitors, general public. | **H** | Scaffolding, with edge protection.* Establish and police exclusion zones, install scaffold fans and debris netting.
* Specify safe height for work to progress in a single shift.
 | **L** |
|  | Electrocution. | Masons, labourers, other workers, visitors, unauthorised visitors, general public. | **H** | Use suitably protected 110v supplies and frequent portable appliance testing.* Take precautions against contact with services.
 | **L** |
|  | Dust. | Masons, labourers, other workers, visitors, unauthorised visitors, general public. | **H** | Arrange to work different hours from client.* Clean using wet methods or vacuum cleaner with high efficiency filters and FFP3 respirator
* Use physical screening to protect passers by.
* Use wet cutting methods or dustless equipment, i.e. fitted with extractors.
* Provide suitable respiratory and eye protection and air-fed helmets if necessary.
* Consider health surveillance.
 | **L** |
|  | Noise. | Masons, labourers, other workers, visitors, unauthorised visitors, general public. |  | Provision and enforced wearing of high quality ear defenders.* Select quiet equipment, site noisy cutting operations away from other workers.
* Specify machine-cut stone/reconstructed stone direct from suppliers.
 | **L** |
|  | Weather – heat stress from wearing protective equipment in hot weather;Hypothermia from wind chill, wet conditions and static nature of work. | Masons, labourers, other workers, visitors, unauthorised visitors, general public. |  | Provide designed protective sheeting to external scaffold.* Provide suitable personal protective equipment (PPE).
* Provision of drinking water, information and monitoring of symptoms.
* Provision of suitable clothing, protective creams and shelter close to the work area.
 | **L** |
|  | Vibration white finger (VWF). | Masons, labourers, other workers, visitors, unauthorised visitors, general public. |  | Provide system for monitoring health of operatives.* Use modern well-maintained equipment, keep hands warms, avoid smoking and ensure workload is shared.
 | **L** |
|  | Slips, trips and falls from height. | Masons, labourers, other workers, visitors, unauthorised visitors, general public. | **H** | Provide safe access routes.* Edge protection where there is a risk of falls at edges or openings.
* Regular clearance of waste stone, pallets and mortar.
* Good lighting.
* Suitable safety footwear.
 | **L** |
|  | Collapse of structure. | Masons, labourers, other workers, visitors, unauthorised visitors, general public. | **H** | Supervision and carrying out of the work by suitable, experienced and competent persons.* Calculations by engineer and site inspection where necessary, including a planned sequence of operations and details of any temporary support.
* Inspection before use of any support equipment.
 | **L** |
|  | Dermatitis and time contact with eyes. | Masons, labourers, other workers, visitors, unauthorised visitors, general public. | **M** | Awareness of the risk.* Provide and ensure use of suitable gloves, protective clothing and barrier cream.
* Provide suitable washing facilities with warm water.
* Provide eye wash stations close to the work area.
* Site mixing area away from the public or screened.
* Special attention is required if handling flint.
* Consider eye protection.
* Use lime in liquid or paste form.
* Provide ready-mixed mortar.
 | **L** |
|  | Contact with moving machinery or vehicles. | Masons, labourers, other workers, visitors, unauthorised visitors, general public. | **M** | All machinery movements to be under the control of a qualified Banksman/Slinger. * Wearing of high visibility clothing.
* Minimise reversing movements and follow site traffic arrangements in the health and safety plan.
 | **L** |
|  | Collision with plant during mechanical handling. | Masons, labourers, other workers, visitors, unauthorised visitors, general public. | **M** | Specific site rules to identify where workers are to take refuge during some mechanical handling operations.* Use qualified Banksman/Slinger.
* Provide brick guard with the edge protection and large opening scaffold gate to specially strengthened loading bay.
* Minimise the number of persons in the placing area.
 | **L** |
|  | Fall of materials and plant.  | Masons, labourers, other workers, visitors, unauthorised visitors, general public. | **M** | Plan that lifting shall not involve materials being moved over people.* Weight to be marked on all lifts exceeding 1 tonne.
* Tested equipment, inspected on the day, under the control of competent persons.
 | **L** |
| **Site-specific Activities** | **Additional Site–specific Hazards** | **Persons at risk** |  | Additional Controls Required |  |
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**Likelihood**

How often could the hazard occur? Consider the task, frequency, duration, method of work, employees involved.

**Severity**

How serious would the hazard’s effects be if

realised? Consider the type of hazard, biological, ergonomic, physical and chemical.

**Risk =** Likelihood x Severity

E.g. Likelihood (4) X Severity (3) = 12 **HIGH RISK**