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| Site: |  | **Contract Number:** |  |
| **Assessed by:** | **Name:** |  | **Position:** |  | **Date:** |  |
| **Signed:** |  |  |
| **Description Of Work:** | Cutting openings in internal walls of an existing structure. |
| **Task / Job Component** | Hazard | **Persons at risk** | **Risk Rating L/M/H** | **Controls / Precautions to Reduce Risk** | **Residual Risk Rating****L/M/H** |
| Forming openings in internal walls. | Manual Handling. | Demolition Workers, machine operators, unauthorised visitors. | **H** | Training in safe manual handling techniques.* Provide clear access routes to work areas.
* Removal of large blocks of material by machinery.
* Provide rubbish chutes to dispose of waste materials or skips on wheels suitable for moving by forklift.
* Provide wheelbarrows.
 | **L** |
|  | Dust. | Demolition Workers, machine operators, unauthorised visitors. | **H** | Controlled wetting of the surfaces exposed.* Safety glasses or goggles.
* Use dustless equipment, i.e. fitted with extractors.
* Forced air movement.
* Consider alternative methods of cutting which produce less dust such as wet cutting diamond chainsaw.
* Wear a respirator
 | **L** |
|  | Asbestos. | Demolition Workers, machine operators, unauthorised visitors. | **H** | Carry out pre-demolition/refurbishment survey.* Asbestos awareness training and emergency plan.
* Removal by licensed contractor
 | **L** |
|  | Fall of material. | Demolition Workers, machine operators, unauthorised visitors. | **H** | Provide scaffolding.* Establish and police exclusion zones.
* Suitably strengthened internal floor, propped if necessary.
 | **L** |
|  | Electrocution. | Demolition Workers, machine operators, unauthorised visitors. | **H** | Suitably protected 110v supplies and frequent user inspection and portable appliance test.* Use of battery equipment.
 | **L** |
|  | Noise. | Demolition Workers, machine operators, unauthorised visitors. | **H** | Provision and enforced wearing of high quality ear defenders when above 85dB(A)* Use low noise and remote cutting or breaking equipment, e.g. diamond chain saws.
* Use machine mounted tools if feasible.
 | **L** |
|  | Contact with services. | Demolition Workers, machine operators, unauthorised visitors. | **H** | Carry out physical survey to identify locations of all services.* Remove prior to work commencing, obtain certificate of isolation or disconnection where appropriate or provide sturdy temporary protection.
 | **L** |
|  | Unauthorised access  | Demolition Workers, machine operators, unauthorised visitors. | **H** | Temporary covers.* Barriers and signs.
 | **L** |
|  | Slips, trips and falls. | Demolition Workers, machine operators, unauthorised visitors. | **H** | Provide safe access routes.* Good housekeeping
* Edge protection where there is a risk of falls at edges or openings.
* Good lighting.
* Safety footwear.
 | **L** |
|  | Collapse of structure. | Demolition Workers, machine operators, unauthorised visitors. | **H** | Supervision and carrying out of the work by suitable, experienced and competent person. * Calculations by engineer and site inspection.
* Planned sequence of operations, drawings and manufacturer’s instructions for any temporary support and system for transfer of demolition materials to minimise surcharges to structure.
* Inspection before and during use of any support equipment.
 | **L** |
|  | Falls from Height or through fragile materials. | Demolition Workers, machine operators, unauthorised visitors. | **H** | Maximise the use of any remote cutting techniques.* Install and maintain edge protection and working platforms or work from mobile elevated working platforms (MEWPS) or similar.
* Identify unsafe areas by signs and barriers.
 | **L** |
|  | Vibration White Finger (VWF). | Demolition Workers, machine operators, unauthorised visitors. | **H** | Provide system for monitoring health of operatives when exposed to above the daily action value of 2.5m/s2* Use modern well maintained equipment, keep hands warm, avoid smoking.
 | **L** |
|  | Explosions. | Demolition Workers, machine operators, unauthorised visitors. | **H** | Safe area for storage of any gas and use of gas cutting gear by trained persons only with flashback arrestors and non-return valves with bottles secured against tampering and fall.  | **L** |
|  | Dermatitis. | Demolition Workers, machine operators, unauthorised visitors. | **M** | System for monitoring skin condition, wearing gloves or waterproof barrier cream. | **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**