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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**