

Consequence	5	10	15	20	25
	4	8	12	16	20
	3	6	9	12	15
	2	4	6	8	10
	1	2	3	4	5
Likelihood					

- Unacceptable – Stop activity
- Adequate – Monitor for continual compliance
- Acceptable – No further action / monitor

Risk Assessment:	052 HVAC
Assessors Name:	GABI BALINT
Signature:	<i>BALINT</i>
Date:	January 2022
Review:	January 2023

**Location:**

Likelihood	1 = Very unlikely	2 = Unlikely	3 = Fairly likely	4 = Likely	5 = Very likely
Consequence	1 = Insignificant	2 = Minor	3 = Moderate	4 = Major	5 = Catastrophic

Hazard	Who can be harmed & how	Risk Rating			Control measures in place	Residual Risk		
		L	C	R		L	C	R
Movement of any item using manual handling.	Person undertaking the task. Serious musculoskeletal injury including hernias, back injuries and sprains etc.	5	4	20	All persons are trained in manual handling and follow training and instruction given. Personnel are instructed to use mechanical assistance wherever practically possible. Loads are broken down as far as is reasonably practicable and team lifting employed where necessary. Where larger loads are involved, a specific manual handling assessment will be required. Use of hand protection suitable to items being handled i.e. cut resistance levels	2	4	8

Electrical works	Operatives and others e.g. property owners / users / other trades etc. Serious injury potential / fire / fatality etc.	3	5	15	All electrical work is undertaken by competent electricians or if being trained, supervised by a competent person. All electrical work is planned in advance and documented. Regular work in progress inspections and testing is undertaken and recorded. All materials are purchased through reputable suppliers. Suitable information, instruction and supervision is in place at all times. Minor electrical tasks undertaken by competent persons.	1	5	5
Use of machinery	Personnel using machinery and others in the vicinity, serious injury potential	3	4	12	All equipment to be checked pre-use to ensure that it is fit for the task, guards are in place and adjusted as required. Operatives to tie back long hair and be aware of loose-fitting clothing / gloves which may become entangled. Use of two hands on tooling SFARP. All equipment is checked pre-use to ensure that any leads, cables, casings and connections are free from damage which may cause an electric shock. Portable equipment is liable to regular PAT testing at the recommended intervals. Remove any defective equipment from service.	2	4	8
Work at height	Persons undertaking the task. Serious injury potential / fatality through falling from height	3	5	15	In line with training delivered, operatives are instructed in the following. All work at height is to be planned and only undertaken by competent persons or if being trained, supervised by a competent person. Personnel aware of fragile surfaces, open voids and edges ensuring adequate protection is in place. Work at height is not undertaken where weather conditions prohibit safe working. All personnel to be trained in the use of steps, ladders and alternative work at height equipment as applicable	2	5	10
Slips, trips and falls	Persons undertaking the task. Serious injury potential increasing due to MH activity.	4	4	16	Routes and areas are checked for obstructions and availability of space or other hazards i.e. wet floor, uneven or slippery surfaces and cables etc. prior to use. Good housekeeping standards are maintained and inspected at all times.	2	4	8

Use of hand tools	Persons using tool and others in the area, potential for minor to serious injury.	3	3	9	Operatives to select the correct tool for the given task. Pre-use checks on tooling to ensure that grips are in place and in good, clean condition. Ensure hands / gloves are free from oil / grease or other that may affect grip. Use of hand protective PPE as necessary. Keep hands behind cutting edge. Ensure piece being worked on is suitably restrained to prevent movement that may increase the likelihood of injury.	1	3	3
Work in restricted areas	Persons undertaking task, minor musculoskeletal injury potential	3	3	9	Personnel to ensure they can take up a comfortable working position which is free from additional hazards. Set up tooling within easy reach. Regular breaks and task rotation SFARP	2	3	6
Use of substances hazardous to health including paints, adhesives etc.	All personnel who use or may be affected by the use of hazardous substances, serious injury potential	3	4	12	Use of product information including COSHH assessments and manufacturers instructions on packaging. Use of authorised substances only. Use of suitable PPE and ventilation as necessary. Personnel to be aware of others who may be affected by the use of the substance. Substances are to be stored in original containers and stored in accordance with information outlined in COSHH assessments and MSDS	2	4	8
Struck by	Persons undertaking the task and others in the area, serious injury potential through struck by	3	4	12	All work is undertaken in a controlled manner with attention given to others in the area. The use of head protection required in areas where debris is liable to fall onto an individual person. Segregate area from others through exclusion zone	1	4	4

<p>Contact with respirable dusts</p>	<p>All persons undertaking the task and others i.e. members of the public, clients, tenants and young persons. Potential for mild irritation through to long term adverse health effects including cancers, silicosis, COPD &amp; emphysema</p>	3	4	12	<p>All dust emitting operations are kept to a minimum with dust suppression employed as determined the best option at the location of the works. All operatives to have in date asbestos awareness training (refreshed annually) as a minimum.</p> <ul style="list-style-type: none"> <li>• In an enclosed area, the use of local exhaust ventilation is to be employed together with additional controls as may be required.</li> <li>• The use of on tool extraction / collection with controls mounted onto or integrated into the hand-held tool to capture dust emissions.</li> <li>• Dusts may be dampened down using either water or a suitable surfactant. Dampening down of works is to be continuous for the time the tooling is in use.</li> <li>• Use of suitable and sufficient PPE from FFP3 standard mask for general dusts through to powered masks or hoods. Operatives to undergo fit testing to ensure the use of PPE is correct.</li> <li>• Operative training in hazards and control measures associated with certain dusts i.e. silica and asbestos.</li> <li>• Wherever practicable, materials to be cut away from site and in a controlled environment.</li> </ul>	1	4	4
<p>Exposing an employee to the Covid-19 virus in a property known to be a potential risk</p>	<p>Employees and others. A risk exists for anyone within 2m of an infected person or in a position where they touch a contaminated surface and then their face to contract Covid-19</p>	3	5	15	<p>Robust use of PPE and good hygiene by the workforce as well as cleaning down surfaces where work will and has taken place will shield operatives and others and will remove any residual infection. On completion of the works removal and disposal of single use PPE and cleaning of any other equipment will prevent contact contamination occurring.</p> <ul style="list-style-type: none"> <li>• Hand sanitiser is always to be available for use</li> </ul>	2	5	10

<p>Inadvertently picking up the Covid-19 virus and spreading it to other people both employees and the public</p>	<p>All persons. An individual could pick up the Covid-19 virus from a location and spread it to other locations contributing to the pandemic and in conflict with the current UK government aims</p>	<p>3</p>	<p>5</p>	<p>15</p>	<p>Correct management of PPE and cleaning equipment / tools will prevent cross contamination from any items used in a work location. All single use PPE and used cleaning towels / wipes will be disposed of as biological waste, placed in waste bag which will then again be placed into a yellow biological waste bag for disposal at an agreed location.</p> <p>To ensure operatives do not transfer the virus to another location, they must sanitize their hands after every visit, wash their hands and drop off waste before attending to another job.</p> <p>Where social distancing is not possible, work should be suspended until additional measures are put in place</p>	<p>2</p>	<p>5</p>	<p>10</p>
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