



## Risk assessment

Ref no: RA91	Area: Unit 5 Fire	Assessor: Ian Warne and Clare Crouch
	Date of Assessment: 08/02/22	Assessment date: 08/02/23

Hazard	Who might be harmed and how?	Existing Control measures	Residual risk L/M/H	Action by who?
Lighting	Employees, contractors, visitors, work experience trainees, temporary staff, lone workers  Burns, smoke inhalation, and death	<ul style="list-style-type: none"><li>• 5 year fixed wire test and planned preventative maintenance</li><li>• Information, instruction, training and supervision given</li></ul>	L	
Heating	Employees, contractors, visitors, work experience trainees, temporary staff, lone workers  Burns, smoke inhalation, and death	<ul style="list-style-type: none"><li>• Regularly serviced by a Gas Safe qualified engineer</li><li>• Air conditioning serviced by a qualified engineer</li><li>• Portable heaters PAT tested as and when required</li><li>• Information, instruction, training and supervision given</li></ul>	L	
Electrical Supply	Employees, contractors, visitors, work experience trainees, temporary staff, lone workers  Burns, smoke inhalation, and death	<ul style="list-style-type: none"><li>• 5 year fixed wire test and planned preventative maintenance</li><li>• Incident reporting procedure if any faults</li><li>• Installation are completed to the correct standards by suitably qualified contractors</li><li>• Information, instruction, training and supervision given</li></ul>	L	
Forklift Trucks – Gas Powered	Employees, contractors, visitors, work experience trainees, temporary staff, lone workers  Burns, smoke inhalation, and death	<ul style="list-style-type: none"><li>• Planned preventative maintenance</li><li>• Regularly serviced</li><li>• Only used by trained, authorised employees</li><li>• Forklifts parked inside away from flammable material and switched off</li><li>• Planned preventative maintenance</li><li>• Not continuously parked, only overnight</li><li>• Information, instruction, training and supervision given</li></ul>	L	

Gas bottles	<p>Employees, contractors, visitors, work experience trainees, temporary staff, lone workers</p> <p>Burns, smoke inhalation, and death</p>	<ul style="list-style-type: none"> <li>• Only trained and authorised staff to install gas bottles</li> <li>• Empty gas bottles removed and stored outside</li> <li>• Empty gas bottles separated from full</li> <li>• Full gas bottles kept outside in a locked, secured cage</li> <li>• Empty gas bottles are collected by an authorised contractor</li> <li>• Forklift Trucks are kept away from immediate ignition sources</li> <li>• No Smoking Policy</li> <li>• Forklift Trucks are stored inside overnight to prevent arson attack</li> <li>• Information, instruction, training and supervision given</li> </ul>	L	
Electrical Equipment	<p>Employees, contractors, visitors, work experience trainees, temporary staff, lone workers</p> <p>Burns, smoke inhalation, and death</p>	<ul style="list-style-type: none"> <li>• Planned preventative maintenance</li> <li>• PAT tested as and when required</li> <li>• Information, instruction, training and supervision given</li> </ul>	L	
Smoking materials	<p>Employees, contractors, visitors, work experience trainees, temporary staff, lone workers</p> <p>Burns, smoke inhalation, and death</p>	<ul style="list-style-type: none"> <li>• Smoking is banned in and around the building</li> <li>• Visitor Policy explains no smoking rules</li> <li>• Information, instruction, training and supervision given</li> </ul>	L	
Arson	<p>Employees, contractors, visitors, work experience trainees, temporary staff, lone workers</p> <p>Burns, smoke inhalation, and death</p>	<ul style="list-style-type: none"> <li>• Security gate and wall to front of building and metal shutters at the back</li> <li>• CCTV</li> <li>• Challenge strangers</li> <li>• Any flammable material is stored at a minimum of 2m away from the building and the perimeter fence</li> <li>• Information, instruction, training and supervision given</li> </ul>	L	
Flammable materials	<p>Employees, contractors, visitors, work experience trainees, temporary staff, lone workers</p> <p>Burns, smoke inhalation, and death</p>	<ul style="list-style-type: none"> <li>• Materials stored away from ignition sources</li> <li>• Information, instruction, training and supervision given</li> </ul>	L	

Glues, paints and other solvents	Employees, contractors, visitors, work experience trainees, temporary staff, lone workers  Burns, smoke inhalation, and death	<ul style="list-style-type: none"> <li>• Keep as low a stock level as possible</li> <li>• Products stored in suitable containers and correctly labelled</li> <li>• Any solvent consumables used on a daily basis are stored in a rated fireproof cabinet overnight</li> <li>• Information, instruction, training and supervision given</li> </ul>	L	
Furniture	Employees, contractors, visitors, work experience trainees, temporary staff, lone workers  Burns, smoke inhalation, and death	<ul style="list-style-type: none"> <li>• Ensure it complies with Fire Safety Standards</li> <li>• Good housekeeping</li> <li>• Keep away from ignition sources where practicable</li> <li>• Information, instruction, training and supervision given</li> </ul>	L	
Compressed Airline	Employees, contractors, visitors, work experience trainees, temporary staff, lone workers  Burns, smoke inhalation, and death	<ul style="list-style-type: none"> <li>• Routine planned maintenance</li> <li>• Turned off at night</li> <li>• Information, instruction, training and supervision given</li> </ul>	L	

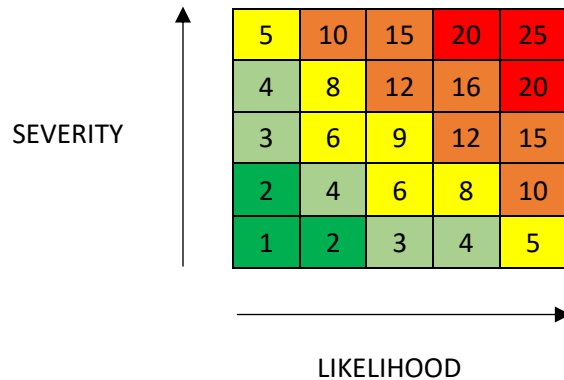
**Ensure the risk control still applies, if not contact the relevant department**

I ..... (name) do hereby declare that I have received, understood and will abide by the contents of this Risk Assessment.

Signed:.....

Date: .....

## HOW TO CALCULATE A RISK RATING



Likelihood	Severity
1 = extremely unlikely	1 = very minor injury
2 = unlikely	2 = first aid injury
3 = possible	3 = lost time injury
4 = likely	4 = hospital treatment
5 = very probable	5 = disabling injury

Risk rating	Action and timescale
15 and above	<b>Unacceptable</b> Work may not start. Additional controls must be introduced to reduce risk rating to below 9.
9-14	<b>Tolerable</b> Additional controls must be introduced as soon as possible.
5-8	<b>Tolerable</b> Additional controls may be needed
4 or below	<b>Acceptable</b>

1-4 =	Low risk
6-9 =	Medium risk
10- 25=	High risk