



Castle Carpentry Services LTD


















Risk Assessment for











Use of hand and power tools









Using all hand/power tools for all site carpentry tasks on all sites






Reference number	CCRA01
Assessor	James Harris
Date completed	17/07/25
Review Schedule	Annually
Review date	17/07/26
Approved date	
Approved by	
Affected site(s)	Castle Carpentry Services LTD










Hazards and controls








 Hazard: Work Equipment (Power Tools - Electrical)		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Operators</p> <p>Risk of injury by using electrically powered work equipment</p>	<ul style="list-style-type: none">  All employees receive induction training if required (if unsure ask)  Battery or 110 volt electric tools/equipment used  Damaged/defective equipment is removed from use  Electrical safety check (PAT) undertaken  Fixed guards in place at all times and regularly checked  Good housekeeping observed during the task  Hearing protection worn if required  Instruction manual has been read and understood  Only competent persons can operate the equipment  Power tools carried safely  Power tools checked before use  Relevant eye protection worn to the work activity/hazard  Relevant PPE worn and kept in good condition  Sharps handled with care (tools)  Suitable and sufficient lighting provided 	<div style="border: 1px solid orange; border-radius: 10px; padding: 5px; display: inline-block;">  Medium Risk: 21 </div> <p>Likelihood: 3/9 Severity: 7/9</p>







 Hazard: Work Equipment (Nail Gun)		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Operators</p> <p>Risk of injury to eyes/body due to unintended discharge of nail or penetration through workpiece</p>	<ul style="list-style-type: none">  All employees receive induction training if required (ask if unsure)  Damaged/defective equipment is removed from use  Eye protection worn relevant to the work activity/hazard  Hearing protection worn if required  Only competent persons can carry out the task  Pre-start checks undertaken on machinery  Relevant PPE worn at all times and kept in good condition  Routine maintenance undertaken in accordance with manufacturer's requirements 	<p> Medium Risk: 18</p> <p>Likelihood: 3/9 Severity: 6/9</p>







 Hazard: Hand Tools		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Operators</p> <p>Risk of injury whilst using hand tools</p>	<ul style="list-style-type: none">  All employees receive induction training if required (if unsure ask)  Hand tools carried correctly  Only competent persons can operate the equipment  Relevant eye protection worn to the work activity/hazard  Relevant PPE worn at all times and kept in good condition  Tools kept in good condition 	<p> Medium Risk: 15</p> <p>Likelihood: 3/9 Severity: 5/9</p>










 Hazard: Work Equipment (Chainsaws)		
Who can be harmed/how?	Controls in place	Risk rating
All Staff, Contractors, Operators Risk of injury due to coming into contact with the cutting blade	 Authorised operators only  Only competent persons can operate the equipment  Relevant PPE worn at all times and kept in good condition	<div>  Medium Risk: 14 </div> Likelihood: 2/9 Severity: 7/9




 Hazard: Adverse Weather		
Rain, high winds, extreme heat, snow/ice		
Who can be harmed/how?	Controls in place	Risk rating
All Staff, Contractors, Operators Risk of injury due to lightning strikes, high winds/heavy rain, snow and ice.	 Good housekeeping observed during the task  Ladders are not used in extreme weather conditions  Protective footwear to be worn  Protective/thermal clothing must be worn if required  Relevant PPE worn at all times and kept in good condition  Sun block used to protect against UV radiation  Work is postponed in adverse weather conditions	<div>  Medium Risk: 12 </div> Likelihood: 2/9 Severity: 6/9







 Hazard: Lone working		
Injury from using power tools when working alone		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Operators</p> <p>The health, safety & welfare of Lone Workers could be compromised without an assessment of risk.</p>	<ul style="list-style-type: none">  All employees receive specific lone working instructions (if unsure ask)  Lone worker risk assessment is carried out  Lone workers contact system  Lone working is avoided/kept to a minimum  Relevant PPE worn at all times and kept in good condition 	<p> Medium Risk: 10</p> <p>Likelihood: 2/9 Severity: 5/9</p>






 Hazard: Particles/Debris Ejected From Work Equipment/Tools		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Operators</p> <p>Risk of injury/ill-health due to dust/particles being ejected during the processing activities.</p>	<ul style="list-style-type: none">  Eye protection worn relevant to the work activity/hazard  Fixed guards in place at all times and regularly checked  Only competent persons can carry out the task  Relevant PPE worn at all times and kept in good condition 	<p> Medium Risk: 10</p> <p>Likelihood: 2/9 Severity: 5/9</p>

 Hazard: People Movement (Risk of Slips, Trips & Falls)		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Operators</p> <p>Risk of injury due to a variety of access/egress hazards that can cause slips, trips & falls</p>	<ul style="list-style-type: none">  Areas kept clear to prevent slips, trips and falls  Good housekeeping observed during the task  Relevant PPE worn at all times and kept in good condition  Suitable and sufficient lighting provided  Trailing wires/cables made safe to prevent trips 	<p> Medium Risk: 10</p> <p>Likelihood: 2/9 Severity: 5/9</p>

 Hazard: Poor Housekeeping		
Work area kept tidy		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Operators</p> <p>Risk of injury during access & egress due to poor housekeeping.</p>	<ul style="list-style-type: none">  Aisles and gangways kept clear for good housekeeping  Areas kept clear to prevent slips, trips and falls  Frequent cleaning of work areas and equipment  Good housekeeping observed during the task  Relevant PPE worn at all times and kept in good condition  Routine cleaning undertaken  Trailing wires/cables made safe to prevent trips 	<p> Medium Risk: 10</p> <p>Likelihood: 2/9 Severity: 5/9</p>

 Hazard: Alcohol & Drugs		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Operators</p> <p>Risk of injury as activity could be impaired by the intake of alcohol and/or the use of drugs</p>	<p> No alcohol or drugs</p>	<p> Low Risk: 8</p> <p>Likelihood: 1/9 Severity: 8/9</p>

 Hazard: Dust		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Operators</p> <p>Risk of ill-health due to the inhalation of harmful respirable dust.</p>	<ul style="list-style-type: none">  Disposable respirator worn if required  Eye protection worn relevant to the work activity/hazard  Natural ventilation provided for the task  Wood dust control - extraction fitted to machines if required 	<p> Low Risk: 6</p> <p>Likelihood: 2/9 Severity: 3/9</p>

 Hazard: Kneeling Activities		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Operators</p> <p>Risk of injury/ill health due to the carrying out of prolonged kneeling activities</p>	<p> All staff wear knee pads if required or do not kneel</p> <p> Good housekeeping observed during the task</p> <p> Good manual handling techniques/postures used</p>	<p> Low Risk: 6</p> <p>Likelihood: 2/9</p> <p>Severity: 3/9</p>

Assessor's signature: James Harris

Approved by signature: