



# 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

|                         |                               |
|-------------------------|-------------------------------|
| <b>Reference number</b> | CCRA05                        |
| <b>Assessor</b>         | James Harris                  |
| <b>Date completed</b>   | 18/07/26                      |
| <b>Review Schedule</b>  | Annually                      |
| <b>Review date</b>      | 18/07/27                      |
| <b>Approved date</b>    | 18/07/26                      |
| <b>Approved by</b>      | James Harris                  |
| <b>Affected site(s)</b> | Castle Carpentry Services LTD |

## Hazards and controls

|  <b>Hazard: Work Equipment (Power Tools - Electrical)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                              |
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| 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"> <li> All employees receive induction training if required (if unsure ask)</li> <li> Battery or 110 volt electric tools/equipment used</li> <li> Damaged/defective equipment is removed from use</li> <li> Electrical safety check (PAT) undertaken</li> <li> Fixed guards in place at all times and regularly checked</li> <li> Good housekeeping observed during the task</li> <li> Hearing protection worn if required</li> <li> Instruction manual has been read and understood</li> <li> Only competent persons can operate the equipment</li> <li> Power tools carried safely</li> <li> Power tools checked before use</li> <li> Relevant eye protection worn to the work activity/hazard</li> <li> Relevant PPE worn and kept in good condition</li> <li> Sharps handled with care (tools)</li> <li> Suitable and sufficient lighting provided</li> </ul> | <div style="border: 1px solid orange; border-radius: 10px; padding: 5px; display: inline-block;">  <b>Medium Risk: 21</b> </div> <p>Likelihood: 3/9<br/>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"> <li> All employees receive induction training if required (ask if unsure)</li> <li> Damaged/defective equipment is removed from use</li> <li> Eye protection worn relevant to the work activity/hazard</li> <li> Hearing protection worn if required</li> <li> Only competent persons can carry out the task</li> <li> Pre-start checks undertaken on machinery</li> <li> Relevant PPE worn at all times and kept in good condition</li> <li> Routine maintenance undertaken in accordance with manufacturer's requirements</li> </ul> | <p> Medium Risk: 18</p> <p>Likelihood: 3/9<br/>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"> <li> All employees receive induction training if required (if unsure ask)</li> <li> Hand tools carried correctly</li> <li> Only competent persons can operate the equipment</li> <li> Relevant eye protection worn to the work activity/hazard</li> <li> Relevant PPE worn at all times and kept in good condition</li> <li> Tools kept in good condition</li> </ul> | <p> Medium Risk: 15</p> <p>Likelihood: 3/9<br/>Severity: 5/9</p> |

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

|  <b>Hazard: Adverse Weather</b>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rain, high winds, extreme heat, snow/ice                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                             |
| Who can be harmed/how?                                                                                                 | Controls in place                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Risk rating                                                                                                                                                 |
| All Staff, Contractors, Operators<br><br>Risk of injury due to lightning strikes, high winds/heavy rain, snow and ice. |  Good housekeeping observed during the task<br><br> Ladders are not used in extreme weather conditions<br><br> Protective footwear to be worn<br><br> Protective/thermal clothing must be worn if required<br><br> Relevant PPE worn at all times and kept in good condition<br><br> Sun block used to protect against UV radiation<br><br> Work is postponed in adverse weather conditions | <div>  <b>Medium Risk: 12</b> </div><br>Likelihood: 2/9<br>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 &amp; welfare of Lone Workers could be compromised without an assessment of risk.</p> | <p> All employees receive specific lone working instructions (if unsure ask)</p> <p> Lone worker risk assessment is carried out</p> <p> Lone workers contact system</p> <p> Lone working is avoided/kept to a minimum</p> <p> Relevant PPE worn at all times and kept in good condition</p> | <p> Medium Risk: 10</p> <p>Likelihood: 2/9<br/>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> | <p> Eye protection worn relevant to the work activity/hazard</p> <p> Fixed guards in place at all times and regularly checked</p> <p> Only competent persons can carry out the task</p> <p> Relevant PPE worn at all times and kept in good condition</p> | <p> Medium Risk: 10</p> <p>Likelihood: 2/9<br/>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 &amp; falls</p> | <p> Areas kept clear to prevent slips, trips and falls</p> <p> Good housekeeping observed during the task</p> <p> Relevant PPE worn at all times and kept in good condition</p> <p> Suitable and sufficient lighting provided</p> <p> Trailing wires/cables made safe to prevent trips</p> | <p> Medium Risk: 10</p> <p>Likelihood: 2/9<br/>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 &amp; egress due to poor housekeeping.</p> | <ul style="list-style-type: none"> <li> Aisles and gangways kept clear for good housekeeping</li> <li> Areas kept clear to prevent slips, trips and falls</li> <li> Frequent cleaning of work areas and equipment</li> <li> Good housekeeping observed during the task</li> <li> Relevant PPE worn at all times and kept in good condition</li> <li> Routine cleaning undertaken</li> <li> Trailing wires/cables made safe to prevent trips</li> </ul> | <p> Medium Risk: 10</p> <p>Likelihood: 2/9<br/>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<br/>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"> <li> Disposable respirator worn if required</li> <li> Eye protection worn relevant to the work activity/hazard</li> <li> Natural ventilation provided for the task</li> <li> Wood dust control - extraction fitted to machines if required</li> </ul> | <p> Low Risk: 6</p> <p>Likelihood: 2/9<br/>Severity: 3/9</p> |

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

Assessor's signature: James Harris

Approved by signature: James Harris