

Activity Description: **Assembly of Timber Structures**

**RISK ASSESSMENT**

	Assessed by:	Date of Assessment:	Ref No:
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**Likelihood:**

- 1 - Highly unlikely
- 2 – Unlikely
- 3 – Likely

**Severity/consequences:**

- 1 - Slightly harmful
- 2 – Harmful
- 3 - Extremely harmful

**Risk rating (SC x L):**



- 1 - Trivial risk
- 2 - Tolerable risk
- 3 - 4 - Moderate risk
- 6 - Substantial risk
- 9 - Intolerable risk

**Main hazards/associated risks:**

Ref No	Hazard/Risk	Who is at risk? <small>Consider: Young Persons, Disability, Children/Pupils, Contractors, Visitors, New &amp; Expectant Mothers, Members of the Public, Client/Service User</small>	Control Measures	Locations	Likelihood	Severity	Risk Rating
1	<b>Contact with materials</b> Cut, graze, scratch or puncture through handling rough timber.	Volunteers	<ul style="list-style-type: none"> <li>• Check quality of finish on timber and wear gloves if timber is not planed or smooth</li> </ul>	Workshop or on site			
2	<b>Contact with materials</b> Cut, graze, scratch or puncture through handling nails and screws		<ul style="list-style-type: none"> <li>• Use gloves when handling nails/screws.</li> </ul>	Workshop or on site			
3	<b>Use of tools</b> Impact to hand/finger etc. from manual hammer		<ul style="list-style-type: none"> <li>• Care to be taken when using hammer/screwdriver.</li> <li>• Tool box talk to be given on safe use of tools and equipment.</li> </ul>	Workshop or on site			
4	<b>Use of tools</b> Cut, graze, scratch, puncture or burn from using hand tools.		<ul style="list-style-type: none"> <li>• Wear gloves whist using drill and discontinue use if drill bit smokes or becomes overheated.</li> <li>• Tool box talk to be given on safe use of tools prior to task starting.</li> </ul>	Workshop or on site			

Ref No	Hazard/Risk	<b>Who is at risk?</b> Consider: Young Persons, Disability, Children/Pupils, Contractors, Visitors, New & Expectant Mothers, Members of the Public, Client/Service User	Control Measures	Locations	Likelihood	Severity	Risk Rating
5	<b>Use of tools</b> Impact on third party by manual hammer		<ul style="list-style-type: none"> <li>• Ensure safe clear working distance around work site.</li> <li>• Tool box talk to be given on safe use of hand tools before task starts.</li> </ul>	Workshop or on site			
6	<b>Contact with materials</b> Impact on third party by flying nail		<ul style="list-style-type: none"> <li>• Ensure safe clear working distance around work site.</li> </ul>	Workshop or on site			
7	<b>Structure</b> Collapse of structure under construction causing impact injury		<ul style="list-style-type: none"> <li>• Ensure all elements are firmly supported and use temporary clamps where necessary to stabilise structure.</li> <li>• Ensure safety footwear is worn.</li> <li>• Ensure all taking part in construction know what the plan for erection is before starting construction.</li> </ul>	Workshop or on site			
8	<b>Vibration</b> Vibration disorders		<ul style="list-style-type: none"> <li>• Ensure tools are used within the limits of the HAV (Hand Arm Vibration) rating.</li> <li>• Tools to be regularly checked and maintained</li> <li>• Regular Health Checks in place</li> </ul>	Workshop or on site			

**Personal Protective Equipment:**

 Wear gloves	 Foot protection must be worn					
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**Related Assessments:**

Assessment Type	Assessment Ref

**Action Plan:**

<u>Action</u>	<u>Person Responsible</u>	<u>Expected Completion Date</u>

**Conclusions:**

If the above recommendations are followed then risks can be minimised.

A safety Method Statement can be used as part of this risk assessment which can be used to assist with training and when monitoring work activities.

Review Date: **One year from original assessment then annually unless – see below**

Review of this document should be annually or more frequent if:

After an accident / incident involving an activity from this risk assessment  
Any significant changes to work practices, materials, equipment or legislation

**Assessor (Signed):**

**Dated:**

**Manager (Signed):**

**Dated:**

**THIS RISK ASSESSMENT MUST BE SHARED WITH ALL INVOLVED IN THIS ACTIVITY**

The sharing of the risk assessment with all staff involved with the activity is vital to ensure all control measures are complied with, are practical and adhered to.

**Please document that this information has been provided**