

**Bristol Tree Craft risk assessment**

**Date:** 26/09/2023

**Assessed by:** Ben Pitt

Activity/ task	Hazards/ associated risks	Control measures	Likelihood (L)	Severity (S)	Risk rating <i>LxS=Risk</i>	Additional controls required
Attending a workshop at the BTC workshop <i>and</i> participation at external events.	Injury, trips, falls, minor and major cuts and bruises resulting from use of tools, wood and walking up to and around the workshop space.		4	3	12 (M)	
		Tutors supervise all workshop users and have a responsibility to stop unsafe working habits where they observe them				
		Members of the public observing demonstrations may not handle tools.				
		A first aid kit is kept to hand at all times				
		No one may participate who is under the influence of drugs or alcohol.				
		Course participants must not work with wood whilst barefoot or wearing open-toed sandals.				
		Tools may not be used without the presence of a Bristol Tree Craft Tutor.				

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		Tutors are responsible for sharpening tools before and after courses and making sure no tools are damaged.				
		Full fingered gloves should not be worn when using Tools; unless required by a medical condition.				
		Pathways in and around the BTC site are maintained with woodchip. This minimizes the risk of falling or slipping.				

	Injury, trips and falls, minor and major cuts and bruises caused by tools left unattended.	All tools must be returned to the tool store or tool box when not being used or stored in such a way as to not be a risk to anyone.	2	3	6 (L)	
		All tools stored in protective sheaths when not in use, outside of and during session times.				
		When in use, all tools kept visible on flat surfaces, and never stuck into chopping blocks.				
		Tools are never left unattended in the workshop, or at events.				

Pole-lathes	Injury, strains and sprains caused by lifting.	Heavy logs and equipment carried in pairs or more where necessary. Wood Slings and HD trolley available to move heavy logs.	2	3	6 (L)	
	Injury, impact from flying pieces of wood caused by lathe.	In the workshop lathes are set up with adequate space and in a direction to ensure that any work coming loose from the lathe will not hit other users or members of the public. This is particularly a risk when spindle turning.	2	3	6 (L)	
Power tools	Injury, minor and major cuts and bruises caused by misuse of power tools	Members of the public and course participants never to use power tools. Only Bristol Tree Craft tutors who have the skills to do so may use power tools, providing their own PPE where necessary.	2	5	10 (M)	
Soil and unintended animal manures	Tetanus, E-Coli, Weil's Disease, Toxoplasmosis,	Gloves are available for working with soil and handling logs.	1	4	4 (L)	
		Unintended animal manures carefully removed if working in proximity to livestock.				

	Toxocariasis, Bioaero- sols, Skin Irritation.	All course participants are advised to wash hands before eating.	1	4	4 (L)	
Pigs pen	Electric shock	The fence around pigs is electric. participants and	2	2	4	

		volunteers are notified of this hazard at the beginning of sessions.				
Bees, wasps and Insects	Stings, allergic reactions.	Course participants and volunteers are not to work near bee or wasp nests.	1	5	5 (L)	
		All new users are asked to disclose relevant medical information, including allergies.				
Needles	Puncture wounds, infection from blood borne diseases and viruses.	Needles to be removed with a litter picker and disposed of in a sharps bin.	1	4	4 (L)	
Fire	Burns, spread of fire.	During sessions small fires are contained in a metal brazier/fire pit, off the ground. Or in Brick fire pit on the Ground. Ground around the fire is cleared of flammable material.	2	3	6 (6)	
		Fires are never left unattended; fires are fully extinguished at the close of sessions.				
		A container of water is kept next to the fire at all times.				

**Credit Given to London Green Wood**

<https://londongreenwood.com/>

This Risk Assessment has been adapted from 2011-2022 LONDON GREEN WOOD C.I.C Community Interest Company registered in England and Wales no.16619000

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## Risk Classification

In considering the likelihood of an injury or incident occurring the following potential contributory factors should be considered:

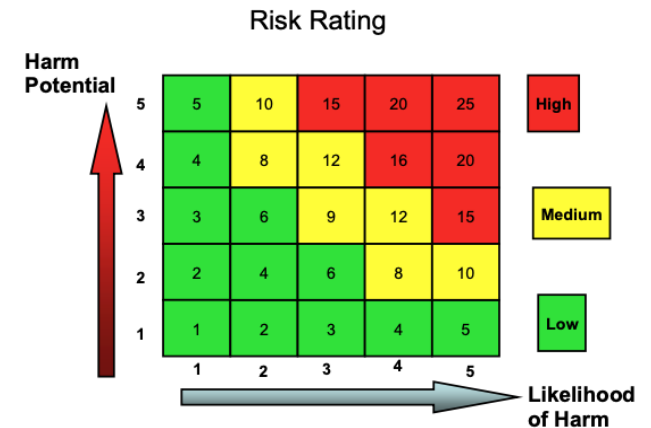
- How frequent the work is carried out? A higher frequency may increase the risk.
- Whether those carrying out the work are more at risk e.g. young persons, expectant mothers, or someone with little experience.
- Are suitable tools and equipment available that are properly maintained?
- Has a safe system of work been established and implemented?
- Has suitable information, instruction and training been provided?
- Is there adequate supervision?
- Are the health and safety measures being taken adequate?

### Likelihood of occurrence

1. **Improbable**
2. **Remote**
3. **Possible**
4. **Probable**
5. **Certainty**

### Potential Severity of injury or financial loss

1. **None**
2. **Negligible**
3. **Minor**
4. **Major**
5. **Fatal**



### Risk = Likelihood X Severity

Using the values above determine the risk classification by multiplying the likelihood and the potential severity you consider appropriate and enter the result in the matrix below to obtain the risk rating: e.g. If you consider the potential harm to be major (4) and the likelihood to be remote (2) the risk classification is  $4 \times 2 = 8$  which is classed as a "Medium" risk using the matrix above.



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