



## Tomahawk Throwing – Risk Assessment

The risk assessment ratings for each identified hazard, the score for the likelihood of its happening is multiplied by the score of the severity of the injury.

(For example, likelihood 2 multiplied by Severity 5 = 10 medium).

The Risk assessment is to identify hazards, value the risk and the potential harm and whom to. Have an action plan to prevent the risk and a final risk value.

Hazard	Who	Existing Risk Value	Action to prevent	New Risk Value
Slips, Trips & Falls	Participants Instructors Leaders	5*5=25  High	Clear Briefing/Instructions, full understanding. No running in the throwing range. Keeping a clear and tidy range. Range layout suitable for use. (clear path ways, bench and seating locations) Suitable clothing and footwear must be worn. (no open toed shoes/baggy clothing around the neck)	2*5=10  Med
Failure of equipment	Participants Instructors Leaders	5*2=10  Med	Equipment is tested and inspected at manufacturing. A bi-weekly inspection is done by qualified/trained staff. Before/During use inspection done by instructor. Tomahawks to be checked/tightened after each round	2*5=10  Med
Failure of structure	Participants Instructors Leaders Spectators	5*5=25  High	A bi-weekly inspection is done by qualified/trained staff. Before/During use inspection done by instructor. Tables and bench's checked suitable for use.	1*5=5  Low
Failure of participant	Participants Instructors Leaders Spectators	5*5=25  High	No waiting line due to potential of a backward throw. Participants stay at throwing lane while waiting to collect Seating area to one side Separate First Aid kit supplied Instructor stands between lanes	2*5=5  Med
Entanglement	Participants	5*2=10  Med	Ensure all Long hair is tied up/back as appropriate. Non-loose clothing to be worn. Clear Briefing/Instructions, full understanding.	2*5=10  Med
Deflection	Participants Instructors Leaders Spectators	5*2=10  Med	Clear Briefing/Instructions, full understanding. 1-3 person to be at the throwing line at a time, keeping area clear as possible. PPE to be worn as appropriate. Rope across entrance during sessions when possible.	2*5=10  Med
Behavioural Problems	Participants Instructor Leaders	5*5=25  High	Clear Briefing/Instruction, full understanding. Yellow/red card system. Ratio's 12:1 Maximum. Site behavioural policy. Group leader must be present to control group behaviour.	2*5=10  Med
Wildlife	Participants Instructors Leaders	5*5=25  High	No food permitted in the range. Range checked before/during use. Allergies (controlled by group leader)	1*5=5  Low

Weather	Participants Leaders Instructors	5*5=25 High	Instructor to be aware of strong wind conditions. Instructor to be aware of lightning weathers. Instructor to be aware of wet weather conditions	1*5=5 Low
Environment	Participants	5*5=25 High	Arborist report every 2 years to maintain area Throwing range checked weekly	1*5=5 Low
Storage or unsupervised use	Public Customers Staff	5*5=25 High	While not being used equipment is locked in storage lockers to limit access Covered by CCTV when not in use overnight	1*5=5 low
Covid-19 Instructor Contact (Positive)	Participants Leaders Instructors	5x5=25 High	1 m distance if instructed Where not possible, face masks to be worn	2*5=10 Med
Covid-19 General Contact/Arrival			Removed	

**This risk assessment is written in accordance with the operating process and procedures.**

Written by: Stuart Whythe

Reviewed by: Stuart Whythe

Position: Deputy Centre Manager

Date: 01/2023

Qualification: NSRA YPS Diploma - Instructor

Archery GB Instructor and Level 1 Coach

3 years experience/training for Tomahawk throwing

Angel/Tomahawk throwing safety course

Health and safety Level 2

Written risk assessments CPD

Likelihood of Occurrence	Severity of Harm
0 = Never	0 = No Harm
1 = Unlikely	1 = Bumps & Bruises
2 = Possible	2 = Small Cuts & Lacerations
3 = A chance	3 = Broken/Fracture of Bones
4 = Likely	4 = Loss of limb
5 = Certain	5 = Fatality

		Severity				
		*	1	2	3	4
Likelihood	1	1	2	3	4	5
	2	2	4	6	8	10
	3	3	6	9	12	15
	4	4	8	12	16	20
	5	5	10	15	20	25

Levels of Acceptance	
1-6 Low	= Acceptable
7-10 Medium	= Monitor
11-12 medium	= Re-evaluate
13-25 High	= Not acceptable