



Tomahawk Throwing – Risk Assessment

The document shows 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).

This Risk assessment identifies the risk control methods that have been put into place to reduce either the Severity or Likelihood of an accident.

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. Keep 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/hoods)	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 or where appropriate for participants	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. Remove or wear hoods to remove issues of catching on Tomahawks 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. Session is not to run in Lightning weather 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 bi-weekly and before/during use	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 While activity is out of use overnight, equipment is locked behind 2 locks in storage shed. 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
Age Limitations	Participants Leaders Instructors	5x5=25 High	5-7 years old – Plastic Tomahawks 7-10 years old – Angels 10+ years old – All equipment	2*5=10 Med

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 / Programmes Manager

Date: 01/2025

Qualification: NSRA YPS Diploma - Instructor
Archery GB Instructor and Level 1 Coach
4 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