



FRYLANDS WOOD SCOUT OUTDOOR CENTRE

Tomahawks Risk Assessment (please also read Generic Site RA)

Activity: TOMAHAWK THROWING		Reviewed By: Barry Goswell					Updated: Apr 2023		
Reviewed if methods change and/or after incidents, NOT reviewed annually									
Activity/Hazard	Who is at risk	Before Control Measures			Control Measures		After Control Measures		
		Likelihood 1-3	Severity 1-3	Risk Rating	Please see Generic Site Risk Assessment for explanation of risk ratings		Likelihood 1-3	Severity 1-3	Risk Rating
Accidents and First Aid									
Instructor Qualifications	Staff, users, other site users & public	2	3	6	<ul style="list-style-type: none"> • Lead instructor to have at a minimum 7 hours of experience and must have attended a course in tomahawk throwing. • Instructors must also either pass an in-house assessment for the activity or show a certificate from a recognised Tomahawk throwing assessor to the Duty Manager or at the office and sign the related Conditions of Use • Lead instructor/own instructor must be 18 years old, under 18s can assist if they have been trained in-house but must not be left to lead the activity • Instructors must be aware of this Risk Assessment & the Generic Site RA 		1	3	3
First Aid required	Staff, users, other site users & public	2	3	6	<ul style="list-style-type: none"> • Group is responsible for having their own First Aid kit • If run by Frylands Wood instructor, they should carry a First Aid kit • All staff on site are first aid trained and large First Aid kits are available at Reception, Providore & Crew Hut • All staff aware of site emergency plan and carry a site radio 		1	3	3
Previous or current Medical injury\condition	Users	2	2	4	<ul style="list-style-type: none"> • Ensure that participants have no injuries that could be made worse by throwing • Anyone who feels unwell or is suffering from the effects of drugs/ alcohol must not take part 		1	2	2

Equipment failure	Staff & users	2	2	4	<ul style="list-style-type: none"> • All equipment should be checked for obvious faults before, during and after each session • Once 3 Flying Angels successfully stick in a target, no more throwing equipment must be thrown at that target • Once one Tomahawk successfully sticks in a target no more throwing equipment must be thrown at that target • Any damage should be reported to the Duty Manager & the equipment should not be used until inspected, repaired & deemed safe • All equipment & the range has a detailed inspection quarterly & results logged 	1	2	2
Entanglement with tomahawks whilst throwing	Staff & users	2	2	4	<ul style="list-style-type: none"> • Long hair should be tied back • Long earrings should be removed • Scarves, lanyards, or necklaces removed or tucked in • Zips done up on coats or hoodies 	1	2	2
Injury from tomahawk or flying angel whilst handling	Staff & users	3	3	9	<ul style="list-style-type: none"> • Demonstrate correct method of throwing during the safety talk • Participants taught to always hold the equipment by their handles • If metal on metal contact is made between equipment, they must be checked for burs on collection by instructor and then filed where necessary. • Full length trousers are recommended to be worn during the activity but no longer a requirement • Fully covered shoes or boots must be worn to take part in the activity, no open toed footwear • When collecting, participants keep Tomahawks with sharp edges down to ground and away from their body and other people. • Tomahawks should only be offered to another person with the handle first. (Note: It is against certain people's beliefs and cultures to be handed a bladed tool). Tomahawks should be returned to throwing point after collection. 	2	2	4

					<ul style="list-style-type: none"> • All equipment should be checked for obvious faults before, during and after each session. • When removing from the target use a push down motion to released, lifting can lift the target and pulls it into the face is it becomes loose. 			
Range Safety	Staff, users, other site users & public	2	3	6	<ul style="list-style-type: none"> • Max group size of 12 • Only 1 person throwing per target • Only 3 participants can throw at the same time • Safety talk before throwing starts • Only Flying Angels & Tomahawks can be used, no knife throwing. • Misbehaviour means no throwing • Tomahawks & Flying Angels counted out & counted in to prevent leaving them on range • Number of throwers reduced, as judged by instructor, if very young, inexperienced or have additional needs. Extra helpers used if required under supervision of lead instructor • Clear explanation of “Start” & “Stop” throwing commands • Clear explanation of waiting area & throwing line • No staggered throwing lines • Range officer assigned to give stop, start & collect commands • No-one to cross throwing line without permission of range officer • Tomahawks and Flying Angels to be kept in stands whilst not being thrown • Participants must be always facing the targets whilst holding Tomahawks or Flying Angels • Targets positioned with safety net immediately behind wall • Range layout meets current Scouts POR recommendations • Physical barrier to prevent non-participants entering the range. • Any observers must stay in the defined waiting or viewing area 	1	3	3

Distraction of shooter	Staff, users & other site users	2	2	4	<ul style="list-style-type: none"> • Participants in waiting area are asked not to talk to throwers during session in safety talk • Throwers told not to turn around to talk to others 	1	2	2
Injury from the targets	Staff & users	2	2	4	<ul style="list-style-type: none"> • Targets securely attached to the back wall • Range officer and instructor to check target area for any throwing equipment sticking out of the floor before allowing participants to collect • Instructor to remove any large splinters from targets before and after session • Remove any embedded tomahawks first • Users shown to lever down the tomahawks and flying angels when removing from targets by instructor 	1	2	2
Slips, Trips and Falls								
Trips	Staff & users	2	3	6	<ul style="list-style-type: none"> • Bags & coats left at the back of range • Keep range free from roots & branches • Keep range tidy & all equipment collected after each round of throwing • No running on the range 	1	2	2
Slips	Staff & users	2	2	4	<ul style="list-style-type: none"> • Range can become slippery when rainy or snow/ice • Instructor and/or adults to collect throwing equipment instead of young people if too slippery • Stop session if throwing area is too slippery 	1	2	2
Lighting								
throwing in poor light	Staff, users, other site users & public	2	3	6	<ul style="list-style-type: none"> • Reduced light increase's chance of accident on the range & not seeing people entering overshoot area • No throwing after dusk unless adequate floodlight set up 	1	3	3
Electrical safety								
Shock from equipment	Staff & users	1	3	3	<ul style="list-style-type: none"> • Appropriate outdoor lights, sockets & cables used • Cables & lights checked for damage before use 	1	3	3
Manual Handling								
Moving equipment from store to range	Staff & users	2	2	2	<ul style="list-style-type: none"> • Target stumps should be a two-person lift • Throwing equipment box and first aid kit to be carried by 2 people or use a trolley 	1	2	2

Weather								
Wind	Staff, users, other site users & public	2	3	6	<ul style="list-style-type: none"> • Strong gusts of wind can affect throwing equipment's trajectory or the balance of the thrower • Stop sessions if gusts affecting participants balance or trajectory of throwing equipment 	1	3	3

All the items below were considered in this assessment and were not considered a risk:

Fire Safety

COSHH

Plant and Machinery

Gas Safety

Display Screen Equipment

Falls from Height

Food Hygiene

Hazardous Buildings/Glazing