Beaudesert Outdoor Activity Centre

Mini Crossbows Risk Assessment

What are the hazards? What can cause harm? What can cause harm? What are you already doing? What are you doing to control hazards and the chance of someone getting hurt? What are you doing to control hazards and the chance of someone getting hurt?			Do you need to do anything else to control this risk? By following this risk assessment, are the hazards & chances of someone being harmed adequately controlled?
		See Generic Activity Risk Assessment	
Suckers rebounding hitting people	Participants; Non- participants; Passers-by being hit by a sucker	Range Design so suckers cannot rebound the length of the range.	Trivial <i>if controls are followed</i>
Suckers shot directly at a person	Participants Non- participants; Passers-by	Do not shoot anyone: Participants to always keep their crossbow pointing down the range when shooting or loading the bow. Participants briefed on a STOP command.	Trivial if controls are followed
	being hit by a sucker	Participants to behave appropriately. Horse-play is not acceptable. Do not get shot: Non-participants to be in a safe waiting area when not shooting. Range designed so non-participants & passers-by cannot walk accidently into the range Non-participants briefed not to distract participants when shooting to reduce the risk of participants turning around. Non-Participants to behave appropriately. Horse-play is not acceptable.	
Injuries caused by cross bows	Participants being hit by the string	Each participant is shown how to use the crossbows and told to hold them at arm's length when firing Long hair tied back & scarves removed	Trivial if controls are followed

Injuries caused by range:	Participants &	The group should be briefed not to run in the range.	Trivial
trip hazards; other items	Non-	The instructor should tell the group where to safely wait when not participating.	if controls are followed
stored in the room;	participants	The instructor will dynamically risk assess the range for any items which may have been	
	by	left by previous users of the range (eg air guns, etc)	
	slip/trip/fall		
	and		
	inappropriate		
	items being		
	left in the		
	range.		

Reviews Undertaken: (note template last updated 19/6/2016)	Initial risk assessment conducted by Richard Irvine. 2 Reviewed Richard Irvine 9/12/2016 and peer review be Barrett April 2022 & March 2023	1/1/216. Reviewed Dan Farnsworth 24/1/16 2 instructors Daniel Farnsworth & H.OShea 02/10/2017 Richard Irvine 3/12/2019; Michael
Risk Assessment Approved by:	Michael Barrett	Date: 01/03/2023

		Potential severity of harm		
		Slightly Harmful	Harmful	Extremely Harmful
		1	2	3
	Highly unlikely	Trivial	Tolerable	Moderate
	1	1	2	3
Likelihood of	Unlikely	Tolerable	Moderate	Substantial
harm occurring	2	2	4	6
	Likely	Moderate	Substantial	Intolerable
	3	3	6	9

Slightly harmful: Superficial injuries; minor cuts and bruises; eye irritation from dust, nuisance and irritation (e.g. headaches); ill-health leading to temporary discomfort. **Harmful:** Lacerations; burns; concussion; serious sprains; minor fractures, deafness; dermatitis; asthma; work related upper limb disorders; ill-health leading to permanent minor disability.

Extremely harmful: Amputations; major fractures; poisonings; multiple injuries; fatal injuries, occupational cancer; other severely life shortening diseases; acute fatal diseases