

ARCHERY RISK ASSESSMENT

Assessed by: Lauren Bean

Date of Assessment: 14/12/19

Date of Review: 14/12/20



Hazard	Risk	Persons at Risk	Initial Rating			Actions	Rating After
			Severity	Probability	Rating		
Faulty Equipment	bruises, cuts and abrasions	Staff + Participants	3	2	6	<ul style="list-style-type: none"> All equipment inspected before each use. 	3
Incorrect Technique	Sprains, strains, grazes to fingers	Participants	2	3	6	<ul style="list-style-type: none"> Clear demonstration and instruction. On-going monitoring and advice 	2
Arrow Collection	Eye injury, torso injury, death	Staff + Participants	3	3	9	<ul style="list-style-type: none"> Clear instruction and supervision Approach boss from the side, check there is nobody close by, pull out arrow. No running in the area Demonstration of how to carry arrows. Ensure all participants have finished shooting before collecting arrows. Take any remaining arrows down the range for collection. 	3
Bow string	Abrasion, bruising to arm. Facial injury.	Participants	2	3	9	<ul style="list-style-type: none"> Arm guards to be worn. Long hair tied back Long sleeves may be worn Any loose clothing tucked away Demonstration to be provided Instructor to monitor closely 	2
Arrows falling off bow	Serious injury from arrow coming into contact with hand	Participants	3	3	9	<ul style="list-style-type: none"> Oversized arrows used for all participants 	3
Catching net collapse	Serious Injury	Staff+ Participants	3	2	6	<ul style="list-style-type: none"> Guy lines to be securely tied to stakes. Stakes to be securely fixed at 45° from uprights. Daily checks to be carried out. 	3

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Overshot arrows	Death or serious injury	Participants spectators Instructor public	4	3	12	<ul style="list-style-type: none"> Signs to be used where appropriate There should be clear overshoot area of 100ms from behind targets or a solid barrier such as a wall with net. Range set up within guidelines 	4
Stray arrows	Death or serious injury	Participants spectators, staff	4	2	8	<ul style="list-style-type: none"> Instructor to supervise with vigilance Targets to be set up 10M away from the shooting line. Arrows must always point towards the target Range must be set up pointing away from the public and to company guidelines. 	4
Uncollected arrows	People injuring themselves having found the arrows	Public	3	3	9	<ul style="list-style-type: none"> Arrows must be counted in at the end of the day and any missing arrows found before departure of the site (or venue notified). Archery must not take place in long grass or in snow. 	3
Falling Target	Crush injuries or injuries from arrows	Staff + Participants	3	2	6	<ul style="list-style-type: none"> Target secured in high winds. Correct retrieval technique. 	3
Instructors being hit at close range	Death or serious injury	Staff	4	2	8	<ul style="list-style-type: none"> Always walk behind any active shooters (those with arrows when moving between participants. Never walk in front of an archer with arrows. 	1
Soft Archery	Poor supervision	Staff + Participants	2	2	4	<ul style="list-style-type: none"> An adult to attentively supervise soft archery at all times and to be made aware of rules 	3
Unsupervised access	Death or serious injury	Public	4	3	12	<ul style="list-style-type: none"> Arrows must be removed from the range when left unsupervised. 	4

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Weather	Sunburn, heat exhaustion.	Staff+ Participants	3	2	6	<ul style="list-style-type: none">• Ensure a shaded area is available during hot weather• Encourage the use of sun cream and sun hats.	3
Lightning	Participants being struck	Staff+ Participants	4	1	4	<ul style="list-style-type: none">• Archery must not be done outdoors in a lightning storm	4