

High Adventure Risk Assessment Archery

**Last Review of this risk assessment: 13/04/2023**

Minimum Leader qualification:		In house training or appropriate level of experience.			
Max group size with Leader:		MAX of 8 shooting at MAX of 4 targets Maximum group size of 30			
<b>All Instructors should be making dynamic risk assessments on the day taking into account the weather conditions, the group's ability &amp; any other factors that may change.</b>					
<b>Essential equipment</b>					
<b>Personal:</b> Suitable clothing for the weather.					
<b>Group:</b> Bows, arrows, arm bracers, targets, pins, boss, stands, netting & frame work.					
<b>Instructor:</b> Phone, first aid kit					
Activity/ Process/ Operation	What are the Hazards to Health and Safety	What Risks do they pose and to whom?	Risk Level	What precautions have been taken to reduce the risk?	Risk Level Achieved
			H/M/L		H/M/L
Setting up	Injury while stringing the bows.	Staff	M	Appropriate staff training	L
	Stability of target bosses.	All staff & participants	M	Archery bosses to be strapped securely to a stable stand.	L
During activity	Injury while shooting.	All staff & participants	H	Staff training & provision of protective equipment	L
				Demonstrate safe technique	
				Size bows and arrows appropriately to participants.	
	Injury due to equipment failure.	All staff & participants	M	All equipment regularly inspected according to policies.	L
				Staff trained in inspections and procedures.	
Retrieving arrows.	All staff & participants	M	Staff training Explain and demonstrate how to approach the target and how to draw out the arrows, also how to carry them back.	L	
Interferring with, getting in the way of or distracting the shooters	All staff & participants	M	No-one is to step outside the gallery until everyone has finished shooting and the bows have been re-hung	L	
			Anyone not shooting should either be behind a marked waiting line or (in the HA range) sat back on the bench.		

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	Shooting off target.	All staff & participants	H	Safety netting to be in place around the targets when on-site. Over shoot zone or natural barrier to be used off-site Only small numbers to shoot at a time. Coaching to be given to help improve aim. Group briefed on not aiming up. Anyone found to do so will be removed from the session. Instructor to stay close to shooters as best as possible.	M
De Rigging	De Stringing Bows	Staff	M	Appropriate staff training	L

**The following Risk Assessment is site specific, all site specific Risk Assessments only have additional information specific to the site. The Risk Assessment above still applies to these sites the following is additional information.**

<b>High Adventure.</b>					
<b>Activity/ Process/ Operation</b>	<b>What are the Hazards to Health and Safety</b>	<b>What Risks do they pose and to whom?</b>	<b>Risk Level</b>	<b>What precautions have been taken to reduce the risk?</b>	<b>Risk Level Achieved</b>
			<b>H/M/L</b>		<b>H/M/L</b>
Setting up.	Someone walking through the range.	All staff, participants and public.	M	Close the gates before beginning session.	L
During the Activity.	Arrow going through a window.	All staff, participants and public.	M	Ensure that the windows are closed throughout the session.	L

<b>Off-site venues</b>					
<b>Activity/ Process/ Operation</b>	<b>What are the Hazards to Health and Safety</b>	<b>What Risks do they pose and to whom?</b>	<b>Risk Level</b>	<b>What precautions have been taken to reduce the risk?</b>	<b>Risk Level Achieved</b>
			<b>H/M/L</b>		<b>H/M/L</b>
Setting up.	Someone walking through the range.	All staff, participants and public.	M	Setup in a clear area avoiding walkways, footpaths etc If there is a risk of non participants approaching the shooting or overshoot area ensure area is visibly roped off	L
	Manual Handling injury	Staff	M	All staff appropriately trained in manual handling techniques	L
				Where possible, setup with a clear overshoot area behind targets	

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During the Activity.	Arrows going beyond targets	All staff, participants and public.	M	Targets to be setup on the group or low stands to encourage aiming downwards to reduce overshoot. If overshoot area is not sufficient, setup backstop net behind targets too. Assessed by the instructors at the venue whilst setting up.	L
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