

Assessment of:	Archery Tag					
Location:	Mount Cook	Date of assessment:	February 2021			
Completed by:	Bernard Müller	Expiry Date:	February 2022			
Ratio:	1:12 Max and Min 1 Group Leader	Staff Competencies	Archery GB or Inhouse Trained and signed off by Activity Manager			
Hazard <i>(something with potential to cause harm)</i>	Risk <i>(How could hazard cause harm and to whom)</i>	Control Measures <i>(What is required to reduce risk)</i>	In place <i>(Y/N)</i>	Action Required	Action Owner	Residual Risk <i>(low / medium / high)</i>
Equipment failure.	Archer and those in immediate vicinity- String may snap, bow limbs or riser may fail whilst shooting. Arrows may break on release.	Regularly (monthly) inspect strings and bows for wear. Replace equipment deemed to be unsafe. Regularly (every session) check arrows for loose or damaged nocks, loose points. Replace damaged or loose components. Check carbon fibre arrows for splintering, discard if deemed unsafe. Instruct new archers against “dry firing” bows, as this can lead to early limb failure. Do not use Fastflight strings or carbon	Y	Log inspection regime on paper trail to ensure completion	Activities manager	LOW

Low = Slight injury or minor ill health / It is highly unlikely that the harm would occur

Medium = Serious Injuries or significant health effects / There is a likelihood that harm may occur;

High = Major death, major injury (RIDDOR) or irreversible health damage / There is a high likelihood that harm will occur.

		<p>arrows on wooden bows, as these can overstress the riser.</p> <p>Correct maintenance schedules to be observed.</p>				
Bowstring hit arm on release.	Archer- Bowstring may become caught on loose hair or clothing or	<p>Ensure that archers tie back long hair and remove jewellery or loose outer garments, which could become caught. Require archers to wear arm protection to minimise possible injury and instruct in proper release technique.</p> <p>Encourage archers to have sleeves rolled down all the time.</p>	Y	Briefing by activity instructor		LOW
Bow is assembled or disassembled incorrectly	Archer- Bow may come apart while in use (consequences as per failure of bow limb or riser).	Only centre instructors to disassemble / assemble bows. All nuts to be checked during assembly as well as limbs-damaged ones not to be used.	Y	Activity instructors to have completed training and induction before running sessions	Activity manager	LOW

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Arrows Length	Archer: Arrows too short for the archer may be drawn off the arrow rest and loosed into the back of the riser or the bow hand.	All arrows used on site are to be oversized. Small selection of extra-long arrows to be kept for particularly tall individuals.	Y	Activity manager to oversee purchase of any replacement arrows	Activity manager	LOW
Arrows lying on floor once shot	All in Immediate Vicinity: Arrows which have been shot may be a trip hazard to participants whilst the activity is ongoing.	Instruct archers of this hazard prior to beginning the activity. Also, encourage participants to pick arrows up when they have the chance.	Y	Activity staff to be suitably trained & briefed before running sessions	Activity manager	LOW

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Hit by arrows	Participants and Spectators – Teams will be aiming at the opposing team and trying to eliminate them from the game	All participants will be fitted with a protective mask prior to the start of the activity. All arrows in use have a high-density foam tip which is soft enough so that if anyone is hit, it won't cause physical harm. The range/pitch area will be laid out so that there is sufficient distance between both teams of archers so that anyone hit by an arrow won't be hurt by the impact.	Y	Activity staff to be suitably trained & briefed before running sessions	Activity manager	MED
Shooting Control	All in Vicinity- Inadequate control of shooting may result in personal injury to an archer or spectator	Shooting must always be under the control of an experienced instructor acting as Field Captain. Spectators will be asked to stand an adequate distance away from the area where the activity is taking place.	Y	Activity staff to be suitably trained & briefed before running sessions	Activity manager	LOW
Range/Area Layout	All in Vicinity-Incorrect range layout may result in personal injury to spectators or archers.	The range/pitch area must be laid out so that there is sufficient distance between both teams of archers. There must also be a safety zone in the middle of the pitch, where participants	Y	Activity staff to be suitably trained &	Activity manager	LOW

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		can collect arrows from and not be hit by the opposing team.		briefed before running sessions		
Pegs holding inflatable protection into ground and pitch area.	All in vicinity/participants – Pegs holding boundaries and inflatables in place may be a trip hazard if not fully placed into the ground.	All pegs will be fully secured into the ground by the staff member who is setting the activity up. This will then be checked by another member of staff in case any were missed.	Y	Activity staff to be suitably trained & briefed before running sessions	Activity manager	LOW

Risk Assessment checked by H&S or Line Manager

Name: Steve Turner CEO

Date: 9th April 2021

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