

## ARCHERY ACTIVITY RISK ASSESSMENT (RA)

ORGANISATION: THIRSK BOWMEN		LOCATION: Outdoor archery range,			Date: 1st May 2017	Ref: TB/RA/01				
<b>Activity</b>										
This RA encompasses sporting archery activities being carried out at the identified location.										
<b>NOTE:</b>										
1. Prior to any person or persons being permitted to use Thirsk Bowmen's' outdoor archery range they must, as minimum, have undertaken a specific Archery Beginners Course of Instruction encompassing Archery Safety, Theory and Technique. This course may be undertaken by enrolling on a Thirsk Bowmen's Beginners Course or may be undertaken at an external agency under a fast track scheme for which a certificate must be obtained and presented to Thirsk Bowmen as proof of competency. Participants who have used an external agency are also required to undergo a specific range safety induction at the Thirsk Bowmen's outdoor range before being permitted use of the range.										
1. Failure of archery equipment during assembly and misuse of Club Equipment.	1	3	L	All members using their own equipment are solely responsible for the safe condition and maintenance of all personal archery equipment.						
				Club equipment leased to (new) members is inspected on an annual basis with advice given to members at time of joining on assembly and maintenance. Any defects noted on club equipment is reported immediately to the relevant committee member for either repair or replacement. If doubt exists as to the safety of the club equipment it is NOT to be used until inspected by a qualified member.	1	2	L			N

Hazards Noted	Initial Risk			Existing Controls	Modified Risk			Further Controls Required	Y	N
	S	L	R		S	L	R			
2. Group shooting: potential for archers or by-standers or spectators to walk into shooting line of archers; (risk of impalement).	4	3	H	<p>During group shooting, archery range is under strict control of qualified Field Captain who ensures no archers cross the shooting line until all archers have finished shooting. Use of both Audible and Visual warnings are in place controlled by Field Captain.</p> <p>All archers participating in group shooting have undergone specific induction training in range safety and awareness of Visual and Audible warnings.</p> <p>Prior to shooting arrows, Field Captain is to ensure area between archers and targets and areas adjacent to sides and behind targets are clear.</p> <p>Archers are to only loose arrows when given instruction to commence by Field Captain.</p> <p>Once nocked, arrows are to be pointed only to the ground or target.</p> <p>Archers ARE NOT to attempt to recover their arrows until the Field Captain has given audible and visual indication it is safe to do so.</p>	4	2	H			N

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Hazards Noted	Initial Risk			Existing Controls	Modified Risk			Further Controls Required	Y	N
	S	L	R		S	L	R			
(2 continued)				<p>ALL archers are to be vigilant in ensuring no members, spectators or non-archery participants enter the safety area; if noted, any archer is to give the command <b><u>“FAST”/”STOP”</u></b> wherein all archers are to cease shooting, un-nock their arrows and stand back from the shooting line. No further archery is to be carried out until the Field Captain gives permission to proceed.</p> <p>Safety barriers and warning signs are established around the outdoor range to prevent inadvertent entry of unauthorised persons:</p> <ul style="list-style-type: none"> <li>- 50 yard backstop</li> <li>- 25 yard side boundaries</li> <li>- 5 yard waiting line.</li> </ul>						
3. Foot/Leg injury resulting from impalement from nocks of shortfall and overshoot arrows whilst approaching targets.	1	3	L	<p>All club members trained in range protocols and methodology, walking to either left or right of target centreline, and being vigilant when approaching targets.</p> <p>Bare feet or open foot footwear (sandals/flip-flops) is not permitted to be worn during active range shooting.</p>	1	2	L			N

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Hazards Noted	Initial Risk			Existing Controls	Modified Risk			Further Controls Required	Y	N
	S	L	R		S	L	R			
4. Eye injury resulting from too close proximity to arrows being withdrawn from targets.	3	3	H	All club members trained in range protocols, safety technique and methodology adopted when withdrawing arrows from target. Archer withdrawing arrows are to visually check area directly behind prior to pulling arrows from target; all others are <b>not</b> to stand directly behind archer withdrawing arrows.	3	1	L			N
5. Injury from falling or toppling bosses.	3	3	H	Field archery support frames and bosses have been sturdily manufactured to high specification. They are generally of sufficient weight not to topple but as an additional measure they are further restrained from toppling by use of ropes and ground spikes.	3	1	L			N
6. Bow string injuries (bruising to forearm/elbow, fingertips on drawing hand sustaining bruising and/or blistering).	1	3	L	All archers are required to wear the relevant Personal Protective Equipment (PPE) for archery to prevent such injury (long or short arm brace and either a finger tab or finger glove and the drawing hand).	1	1	L			N
7. Entanglement, (loose items of clothing, jewellery or long hair)	1	3	L	During Initial and induction training, all archers are advised to ensure no loose clothing or jewellery is to be worn. Archers with long hair are advised to tie back hair to ensure it does not come into contact with archery equipment.	1	2	L			N

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Hazards Noted	Initial Risk			Existing Controls	Modified Risk			Further Controls Required	Y	N
	S	L	R		S	L	R			
8. Injury to Landowners livestock (sheep)	4	3	H	<p>All members made aware livestock (sheep) inadvertently encroaching onto archery range. No archery is to proceed whilst livestock is present on range; Archers are to ensure livestock cleared (without stress) before archery continues.</p> <p>Archery field fenced/gated on three sides; low voltage livestock electric fence incorporating pedestrian access gate to fourth side adjacent to car parking area.</p> <p>NB: All Archers are made aware of electric fence and DANGER signage displayed.</p>	4	1	L			N
9. Physical injury to Members, visitors and livestock from impacting vehicles accessing area.	4	2	M	5 MPH speed restriction (signposted) visibly displayed. All Archers briefed on requirement of adhering to speed limit and being aware of pedestrians and livestock.						
<p><b>Key</b>    <b>S</b> = Severity – 1. First Aid 2. Reportable 3. Permanent Disablement 4. Fatality 5. Multiple Fatality  <b>L</b> = Likelihood – 1. Negligible 2. Low but possible 3. Possible but not likely 4. Probable 5. Highly likely  <b>R</b> = Risk (S multiplied by L) –        1-4 = <b>L</b> (Low)        5-7 <b>M</b> (Medium)        Over 7 <b>H</b> (High)</p>										

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<b>Who is affected</b>	<b>Numbers Exposed</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	
All Archers as Club Members and/or qualified Archers visiting Thirsk Bowmen Archery Field for organised events.		X	X	X	X	
	A. 1 B. 2-15 C. 16-50 D. 51- and above.					
<b>Any additional "Specific" assessment required for activity.</b>	<b>PPE required</b>					
	Arm Guard; Bow String Tab/Finger Glove; Enclosed Footwear; Chest Guard (optional);					
<b>Signed:</b>	<b>Name: Ian Moore</b>	<b>Position: Risk Assessor for Thirsk Bowmen</b>			<b>Date: 1<sup>st</sup> May 2017</b>	
<b>Signed :</b>	<b>Name: Ken Billings</b>	<b>Position: Chairman. Thirsk Bowmen</b>			<b>Date: 1<sup>st</sup> May 2017</b>	
<b>NB: This Risk Assessment is to be reviewed on an annual basis and is to be brought to the attention of any new members joining Thirsk Bowmen or attending as guests.</b>						

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