Yelverton Bowmen risk assesment - Combined indoor and outdoor

Indoor - YMCA Plymouth Honicknowle Ln, Plymouth PL5 3NG
Outdoor - Widewell primary school,Honicknowle Ln, Plymouth PL5 3NG

Range	Hazard	Who is Affected	Likeli - hood	Severity	Risk	Control measures	Likeli - hood	Severity	Risk with control
Indoor & Outdoor	Slips, Trips and Falls	1. Club members 2. Members of the public 3. Participants 4. Non-members (parents / Guardians)	2	2	4	1. Keeping the range clean and tidy 2. No running on the range 3. Clear walkways and fire exits 4. Clear briefings / Full understanding of range practice and setup 5. Potential hazards are pointed out and any unnecessary hazards removed from the area 6. Archer to be wearing suitable footwear (i.e. No high heels/sandals/flip flops) 7. Range Captain/Experienced Archer will run the shooting line each session 8. A minimum of two adults must be in attendance	1	2	2
Indoor	Erection of the range	1. Club members 2. Participants 3. Non-members (parents / Guardians)	3	2	6	1. Clear briefings / Full understanding of range practice and setup 2. All members/guests must be trained before they help with range set up 3. New members to be inducted on range safety and set up 4. Good manual handling practice, e.g. 2 person lift for bosses and bending of knees, not back. 5. Advise on PPE which is available for use should members wish to use it. 6. No juniors members to access storage areas unless accompanied by a minimum of two adults 7. A minimum of five adults must be in attendance 8. The Netting must be erected and set at regulation height	1	2	2
Outdoor			3	2	6	1. Clear briefings / Full understanding of range practice and setup 2. All members/guests must be trained before they help with range set up 3. New members to be inducted on range safety and set up 4. Good manual handling practice, e.g. 2 person lift for bosses and bending of knees, not back. 5. Advise on PPE which is available for use should members wish to use it. 6. No juniors members to access storage areas unless accompanied by a minimum of two adults 7. A minimum of two adults must be in attendance	1	2	2

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Indoor & Outdoor	Failure of club equipment (i.e. stands, training bows, frames and arrows)	1. Club members 2. Non-members (parents / Guardians) 3. Participants	2	2	4	1. Visual inspection of the equipment before and after shooting 2. Training bows are to be checked by competent member of the coaching team 3. Any electrical equipment should be PAT tested and be in date 4. Committee/Coaches to check regularly for damage/defects and repair/replace when needed 5. Rig to be checked and assessed for any damage regularly. 6. A minimum of two adults must be in attendance	1	3	3

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Indoor	Public walking on to the range	1. Club members 2. Members of the public 3. Participants 4. Non-members (parents / Guardians)	2	3	6	1. Door to equipment room and Door to toilets to be locked. 2. Warning sign place outside entry door 3. Good understanding of the dangers to other archers and the public 4. Safety training to club members and instruction on beginners' courses supplied and practiced 5. Range Captain/Experienced Archer will run the shooting line each session 6. A minimum of Five adults must be in attendance	1	3	3
Outdoor			3	3	9	1. Only entrance to field to be unlocked is Personnel gate 2. Warning signs placed outside Personnel gate and by MUGA. 3. Good understanding of the dangers to other archers and the public 4. Safety training to club members and instruction on beginners' courses supplied and practiced 5. Range Captain/Experienced Archer will run the shooting line each session 6. Periodic inspection of school boundary by Committee / Range Captains. 7. A minimum of two adults must be in attendance	1	3	3
Indoor & Outdoor	Impalement of arrows walking to the target and collecting from target	1. Club members 2. Participants 3. Non-members (parents / Guardians)	2	2	4	1. Safety training for new beginners 2. Competent archers 3. Trained non-members (parents, spouse) 4. Walking to the side of the targets 5. A minimum of two adults must be in attendance	1	2	2
Indoor	High draws / Inappropriate shooting / Overshoot	1. Club members 2. Participants 3. Non-members (parents / Guardians) 4. Members of the public	2	2	4	1. Safety training for new beginners 2. Competent archers 3. Good understanding of the dangers to other archers and the public 4. Advise on wearing arm guards to avoid injury by string 5. Range to be setup as per AGB guidelines 6. Range Captain/Experienced Archer will run the shooting line each session. 7. Safety netting installed behind Targets	1	2	2
Outdoor						1. Safety training for new beginners 2. Competent archers 3. Good understanding of the dangers to other archers and the public 4. Advise on wearing arm guards to avoid injury by string 5. Range to be setup as per AGB guidelines 6. Range Captain/Experienced Archer will run the shooting line each session	1	2	2

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Indoor & Outdoor	Arrows bouncing out of the target	1. Club members 2. Participants 3. Non-members (parents / Guardians) 4. Members of the public	2	2	4	1. Safety training for new beginners 2. Competent archers 3. Shooting and waiting lines clearly marked 4. Range Captain/Experienced Archer will run the shooting line each session	1	2	2
Indoor & Outdoor	Facial injuries	1. Club members 2. Participants	2	2	4	1. Archers are responsible for checking and maintaining their own personal equipment every time the bow has been setup 2. No dry releasing bows 3. Coaches will maintain club training bows and check every time setup 4. Make beginners aware of the safety issues on their course and demonstrate good practice 5. A minimum of two adults must be in attendance	1	2	2
Indoor & Outdoor	Damage to vehicles and vehicle related injury	1. Club members 2. Participants 3. Non-members (parents / Guardians) 4. Members of the public	2	2	4	1. Beware of moving vehicles when in the carpark 2. Abide by the speed restriction when in the school or YMCA grounds	1	2	2
Indoor & Outdoor	Entanglement of clothing and hair	1. Club members 2. Participants	2	2	4	1. Ensure long hair is tied back 2. No baggy clothing to be worn 3. No looped/long earrings 4. Use of shoulder brace if necessry 5. Discourage jewellery in trunk, Neck, face area and on bow arm (Watches). 6. Enclosed footwear only to be worn.	1	2	2

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Indoor	Carbon arrows – carbon splinters	1. Club members 2. Participants	2	2	4	1. Include in the training of the beginners 2. Check your personal equipment when drawing arrows and before shooting 3. Draw arrows with a puller	1	2	2
Outdoor						1. Include in the training of the beginners 2. Check your personal equipment when drawing arrows and before shooting 3. Draw arrows with a puller 4. Carbon only arrows not allowed as they can not be found with metal detector	1	2	2
Indoor & Outdoor	Injury During shooting	1. Club members 2. Participants	2	2	4	1. All members/guests receive induction to range 2. When not shooting all bows are stored behind waiting line. 3. Bows will be collected on instruction from Range Captain 4. When not shooting all archers, parents, guests to wait behind waiting line 5. A minimum of two adults must be in attendance	1	2	2
Outdoor	Arrows embedded in ground / lost arrows	1. Club members 2. Members of the public 3. Participants 4. Non-members (parents / Guardians)	3	2	6	1. Safety training for new beginners 2. Competent archers by 252 scheme 3. No running 4. Group control & search led by Field captain and Instructors, following the lost arrow procedure 5. Lost arrows to be logged in Log book and reported to school and Insurance company.	1	2	2
Outdoor	Poor Weather conditions	1. Club members 2. Participants 3. Non-members (parents / Guardians)	3	3	9	1. Shooting to be cancelled in the following weather conditions: MetOffice Amber or Red weather warnings Persistant heavy rain High winds / gusting winds where the bosses could blow over Thunderstorms Snowing / Hailing Fog / mist that reduces the visibility of the field captain to montior the whole field. 2. In windy conditions peg down **foam bosses** with three guys and three pegs and **straw bosses** with two guys and two pegs 3. In hot conditions the Gazebo should be errected to provide shade. 4. In hot weather members are encouraged to bring drinking water with them, sun cream and hats.	2	1	2
Indoor & Outdoor	Member of public spectates who puts children and vulnerable adults at risk	Non-Members	2	3	6	No members of the public may attend a club shooting session. Only Parents / Guardians may be in attendence of under 18 members.	1	1	1

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Indoor & Outdoor	Blind archer particiaptes	1. Club members 2. Participants 3. Non-members (parents / Guardians)	3	3	9	1. Blind archer must use approriate aids to support positioning of the archer and aiming. 2. A spotter of equivilant or greater height than the Archer must be in attendance at the shooting line at all times. 3. The spotter must have undertaken training with one of the clubs training team. 4. Blind archer should only shoot on an end boss, so as to avoid other archers as much as possible. 5. Line Captain must have clear view of Blind archer at all times.	2	2	4

Prepared by	Reviewed by
Nick Tripp	Mark Nightingale

Prepared on	Next review
05/04/2026	1st May 2027

Comments / Changes from last review: - Corrected min numbers of adults for indoors, Addition of non-member spectators risk for Safeguarding, Addition of Blind Archer risk.

Likelihood	Description	Severity	Description
1	Highly unlikely	1	Slightly Harmful
2	Unlikely	2	Harmful
3	Likely	3	Extremely Harmful

Risk Classification				
Risk = Likelihood * Severity		Severity		
		1	2	3
Likelihood	3	3	6	9
	2	2	4	6
	1	1	2	3

Severity	Classification	Action
6 to 9	Unacceptable	Shooting must not commence until the risk has been reduced considerably. If it is not possible to reduce the risk shooting may have to remain prohibited.
3 to 5	Moderate Risk	Efforts should be made to reduce the risk. When moderate risk is associated with “Extremely harmful” consequences, extra control measures must be put in place to reduce the risk.
1 to 2	Trivial to Tolerable Risk	No action required but monitor and review