



Activity: TARGET Archery including Diana competition.

Ref: HB-RAO1a

Date:	December 2018	Assessment carried out by:	Paul Comina, Chairman, Coaching Officer and Level 2 Coach, Harlequin Bowmen
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Risk Rating if no Controls:	HIGH	Medium	Low
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Risk Rating with Controls in place:	High	MEDIUM	Low
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Specific Hazards and consequent risks	People at Risk	Controls	Further Action
			And name of persons responsible for carrying out control actions.
Unauthorised access onto range and subsequent injury by arrows	Persons entering range whilst shooting is taking place	<ol style="list-style-type: none"> 1. Archery takes place on designated range, with targets mounted on stands. 2. Overshoot area follows requirements of GNAS guidance and taking into account bow types being used (see page 4) 3. Signage in place, at extremities of overshoot area, to notify persons wanting to enter field that Archery is in progress and they should not enter the field (and see page 4) 4. Field roped off along western boundary to prevent entry onto the field from nearby road and public walkway (and see page 4) 5. All shooting activity is controlled by an experienced club member, of at least 3 full years shooting experience, preferably a committee member. 6. All club members to be trained in archery according to GNAS requirements. 7. All club members provided with copy of shooting rules for information. 8. Club rules to state that all members are to refrain from shooting as soon as members of public enter field from any access points ahead of the shooting line, and to resume shooting only once members of public are FULLY cleared from. 	<ul style="list-style-type: none"> • Ensure The Grand National Archery Society (GNAS) guidance is followed in range preparation and in club shoots <p>ALL ARCHERS</p> <ul style="list-style-type: none"> • Warning notices displayed at any entrances to the area and/or at limits of overshoot region, to notify people that archery in progress <p>ALL ARCHERS</p> <ul style="list-style-type: none"> • MINIMUM of 2 adult archers to be present at all times to ensure range is monitored (by non-shooting archer) at all times. <p>ALL ARCHERS</p>

Harlequin Bowmen Risk Assessment

Harwell Campus Shooting Range-MIDDLE FIELD

Last revised: Dec 2018

Specific Hazards and consequent risks	People at Risk	Controls	Further Action
			And name of persons responsible for carrying out control actions.
Being hit by an arrow and subsequent injury	Participants Coaches/ leaders others on site	9. Strict rules and code of conduct provided to archers 10. As above, appropriate range layout with adequate overshoot area, as well as to side to allow for deflection of miss shots 11. Constant supervision by experienced archers, as above 12. Where two shooting ranges are used, club members to ensure 50 yard exclusion zone is marked within the field, using the pink exclusion zone markers. 13. Each area of shooting to be controlled by experienced archer, as above.	<ul style="list-style-type: none"> Ensure The Grand National Archery Society (GNAS) guidance is followed
Tripping on the range and subsequent injury	Participants	14. As per GNAS training, which ALL archers have completed, there is a policy of NO RUNNING AT ANY TIME whilst archery is in progress.	
Bruising on arms from bow string "wobble"	Participants	15. Verbal instruction on correct use of equipment so as to avoid injury given as part of ALL GNAS training. 16. Appropriate protection to be worn i.e. long sleeves & arm guards	
Walking into arrows on target or in the ground and subsequent injury	Participants	17. Verbal instruction on how to safely extract arrows is included in ALL GNAS training 18. NO RUNNING, as above 19. All arrows to be accounted for on arrival and departure from shooting range using sign in book	
Failure of Bow equipment and subsequent injury	Participants	20. All equipment checked by archers and/or instructors (coaches) prior to use 21. Any defective equipment is NOT used. It should be checked over and repaired by equipment officer before returning to club use	<ul style="list-style-type: none"> Access to equipment controlled by means of secure storage Defective equipment stored separately and ideally marked

Harlequin Bowmen Risk Assessment

Harwell Campus Shooting Range-MIDDLE FIELD

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Specific Hazards and consequent risks	People at Risk	Controls	Further Action
			And name of persons responsible for carrying out control actions.
Arrow Overshoot leading to hitting a person and subsequent injury	Participants Others in the vicinity of arrow overshoot distance	22. All controls above will prevent injury due to arrow overshoot. 23. Archers, especially compound archers or those with high poundage bows, should NOT use a high draw as this may lead to arrows exceeding the overshoot area. Senior and experienced archers should look out for this and notify the archer concerned if they feel this is unsafe.	
Boss toppling from stand onto persons nearby	Archers collecting arrows	24. Ensure bosses are ALWAYS fixed to ground with ties. 25. 2 person handling/movement of bosses during change of distance within rounds.	

Harlequin Bowmen Risk Assessment

“Archery GB Range Safety Guidelines: Outdoor Archery
Taken from ‘Shooting Procedures’ document, April 2016”

Additional Notes: SIGNAGE and OVERSHOOT

The length of the field from shooting line to The hedge at southern end is approximately 210 yds, thus satisfying the overshoot measures required, which are a maximum of 150 yards.

Gates at the northern end will be closed, with signage at path to prevent public access during shooting times.



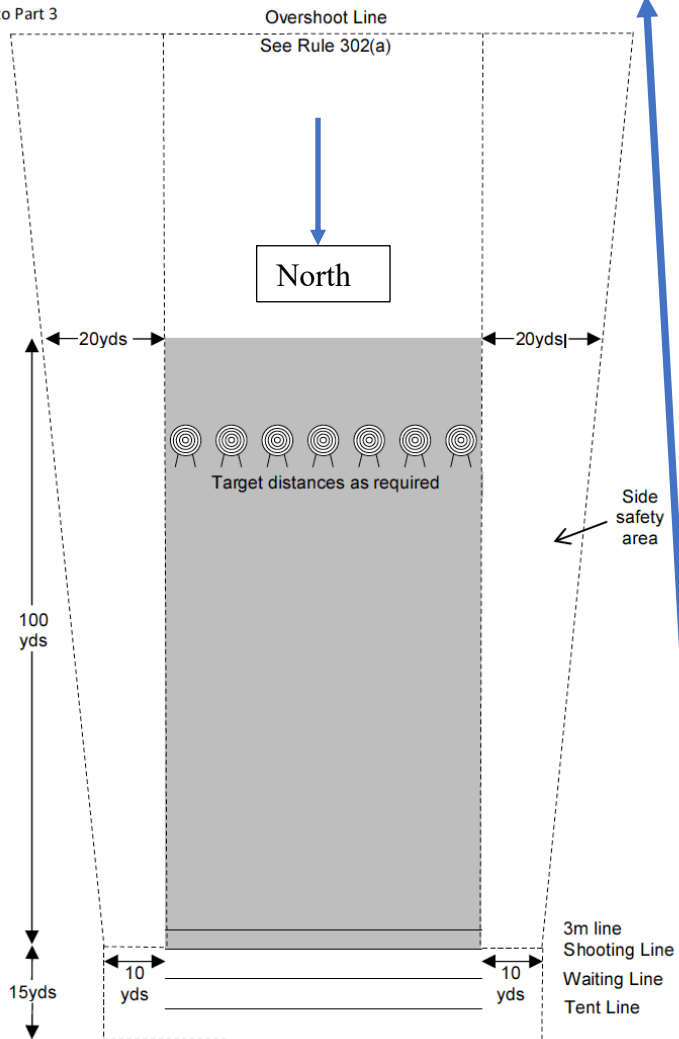
Harwell Campus Shooting Range-MIDDLE FIELD

Last revised: Dec 2018

APPENDIX C

TARGET ARCHERY OUTDOOR – RANGE LAYOUT

Refer to Part 3



The western edge of the field will be fully roped off to prevent members of public entering the shooting range. Signage is fixed to trees at SW corner permanently.

