



Background

Following the relaxation of social distancing rules Archery GB (AGB) issued guidance, 13 May 2020, on the phased return for archery. There are 3 phases: 1 to 3, moving from higher to no restrictions in social/physical contact, respectively. AGB will continue to issue and update guidance as the situation changes.

As of 25 July 2020, we are currently in Phase 2. This risk assessment is adapted from the AGB Covid19 risk assessment template originally issued 13 May 2020, and amended 25 July 2020. The WAC risk assessment will continue to be updated as required and whenever new guidance is issued.

This assessment must be read in conjunction with the usual risk assessment(s) produced by the Club in operating an archery range and our risk matrix.

Risk assessment

Below is the risk assessment for shooting at Warlingham Park School (WPS, the field). No indoor shooting will take place during 2020/21 winter season. If shooting occurs more frequently (e.g. also on a Saturday for county competitions) then an additional risk assessment will be made.

Notes

The virus

Covid19 is a highly infectious virus spread by contact: either by contact with infectious droplets expelled by an infected person or contact with surfaces containing viable virus particles. Social distancing significantly reduces the risk but does not eliminate it (unless all individuals maintained total quarantine). Persons may become infected by touching a contaminated surface then touching a mucous membrane on the face (mouth, nose, eyes) which people do frequently quite naturally and unconsciously. To eliminate this risk we could avoid all contact between unwashed hands and face and we can continually disinfect surfaces. However, this is not always possible or feasible.

The time a virus can survive outside the body is dependent upon a number of criteria: its environment, the numbers present and presence of a viral protection medium. For example, higher heat, desiccation and UV light will reduce viability; higher viral numbers take longer to become inactive (a function of the 'D-value'); if it's contained in proteinaceous medium (e.g. sputum) it will survive in the environment longer. The interval between shoots at the WPS field is at least 72 hours during May to August (the published maximum survival period) and 7 days (196 hours) during September to April.

Risk management

It is standard practice that unacceptable risks must be eliminated or, if that is not achievable, reduced to an acceptable level. An important tenet of risk management (and H&S in general) is that you do not substitute 1 risk for another (unless it is of lower severity AND can be successfully managed).

Personal choice

The precautions listed are the minimum to be applied. Individuals may use additional measures (gloves, masks, own sanitisers, etc) if they wish – provided no additional risk is introduced. Gloves/masks may impede effective anchor and/or release. Gloves are of little value to prevent cross infection in this particular setting (Archery at WAC). Sanitisers/hand disinfectant must contain a minimum of 70% alcohol to be effective.



Health and safety
Risk assessment: Covid-19 specific risks

Risk ID	Activity	Hazard	Consequences	Person(s) exposed	Severity (S)	Likelihood (L)	Risk rating (SxL)	Existing control measures and effectiveness	Residual risk (SxL)	Control actions
1	Archer with defined risk associated with "underlying medical conditions" attends shooting range and comes into contact with infected archer.	Becomes infected with Covid19	High likelihood of serious consequences: high morbidity and mortality. (~5% mortality)	Anyone with "underlying medical conditions"	3	3	9	Recommended not to attend archery	3 (3x1)	Individual does not attend
2	Archer has close contact (e.g. in a 'support bubble') with a person with "underlying medical conditions" attends shooting range and comes into contact with infected archer	Becomes infected or contaminated with Covid19	Passes virus to close contact with possibility of serious consequences	Anyone, including those with "underlying medical conditions".	3	3	9	Recommended not to attend archery	3 (3x1)	Individual does not attend



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3	The archer has symptoms of Covid19	Risk of infection to other people	Serious consequences for vulnerable persons	Anyone	3	3	9	Archers or Family members of the Archer MUST refrain from coming to the Archery Range for <u>at least 14</u> days. Government Guidance Must be Followed	3 (3x1)	Self-isolation, archer does not attend.
4	I develop symptoms or have a positive antigen test within 14 days of attending a shoot	Risk of infection to other people	Serious consequences for vulnerable persons	Anyone	3	2	6	1: Archer must inform Club so that any potential contacts are informed so they can self isolate. 2: Archer MUST refrain from coming to the Archery Range and Facilities for <u>at least 14</u> days from the onset of symptoms	3 (3x1)	Track and trace, followed by self-isolation. Self-isolation, archer does not attend.
5	Someone in my family is symptomatic with Covid19 but I am well.	Risk of infection to other people	Serious consequences for vulnerable persons	Anyone	3	3	9	Archer MUST refrain from coming to the Archery Range and Facilities for <u>at least 14</u> Days (after refer to #3 and #4, above).	3 (3x1)	Self-isolation, archer does not attend



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6	Archer is contaminated by range equipment (bosses, stands, faces, etc)	Risk of infection	Serious consequences for vulnerable persons	Archers	3	2	6	OPTION 1: Repeated use of hand sanitiser after contact with potentially contaminated equipment OPTION 2: Wear gloves (this is not recommended as a safe option)	3 (3x1)	All persons use hand sanitiser after handling of range equipment.
								OPTION 3: Archers are given their own target face and pins to use and reuse each time they shoot. This may not be feasible.	3 (3x1)	Reduces repeated contact with potentially infected equipment.
7	Cross contamination of WPS equipment or facilities	Risk of infection to other people	Serious consequences for vulnerable persons	Anyone	3	2	6	Do not use toilets unless absolutely necessary. Do not use WPS chairs or benches.	3 (3X1)	If need to use toilets, sanitise hands before entering and before leaving.
8	Close contact with archers at the Club	Risk of infection	Serious consequences for vulnerable persons	Archers	3	3	9	Target centres will be set 4m apart, only 2 archers per target shooting in 2 details. If scoring, archer records own scores. Wear masks when collecting arrows and 2 archers/boss	3 (3x1)	At least 2m maintained when archers collecting arrows at adjacent targets



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9	Close contact with archers at the Club	Risk of Infection	Serious consequences for vulnerable persons	Archers	3	3	9	Maintain 2m social distancing on shooting line and behind the shooting line (and/or with face mask)	3 (3x1)	Minimum safe distance maintained.
10	Searching for lost arrows, using detectors and colleagues	Risk of cross infection	Serious consequences for vulnerable persons	Archers	3	2	6	Archers wear face masks. Sanitiser used before and after using detectors	3 (3x1)	Archers wear face masks. Sanitiser used before and after using detectors
11	Archers score arrows in target.	Risk of cross infection	Serious consequences for vulnerable persons	Archers	3	3	9	1 archer/boss if numbers permit. Score own arrows. If scores submitted to RO this to be done electronically. Any paper records taken home. If >1 archer/boss wear masks	3 (3x1)	Avoid close proximity to others and cross infection.
12	Archers collect arrows from target	Risk of cross infection	Serious consequences for vulnerable persons	Archers	3	3	9	1 archer/boss if numbers permit. Remove own arrows. If help needed to remove arrow(s) archers wear masks and sanitise hands before and afterwards. If >1 archer/boss wear masks	3 (3x1)	Avoid contact with others. Avoid cross infection.



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13	Collecting or returning equipment in sheds (not bosses)	Risk of cross infection	Serious consequences for vulnerable persons	Archers	3	3	9	Only 1 archer at a time. Use sanitiser before/after contact.	3 (3x1)	Avoid close proximity to others and cross infection.
14	Collecting and returning bosses in shed	Risk of cross infection	Serious consequences for vulnerable persons	Archers	3	3	9	Requires >1 archer to handle bosses to prevent physical injury. Archers wear face masks and use sanitiser. Trolley handle sprayed with disinfectant before/after using.	3 (3x1)	Avoid cross infection.
15	Lifting bosses onto shed rack or transporting >2 bosses on trolley, using trolley, moving bosses between distances.	Physical injury	Strained muscles	Archers	2	2	4	No more than 6 bosses and stands to be placed on trolley. 2 archers to move target to another distance: wear face masks and sanitise hands.	2 (2x1)	Other archers to assist in moving trolley Target is left at original distance during session.
16	Field layout, when it requires more than 2 persons to complete activity (e.g. setting out field, etc)	Risk of infection	Serious consequences for vulnerable persons	Archers	3	2	6	Archers sanitise hands before and after laying out field. Maintain distancing as far as is reasonably practicable and wear face mask.	2 (2x1)	Avoid close proximity of archers. Sanitise hands before and after handling equipment.



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17	Equipment and other related surfaces remain contaminated	Risk of infection	Serious consequences for vulnerable persons	Archers	3	2	6	Equipment not used for >72hrs between sessions. This exceeds virus residual viability.	3 (3x1)	Review when more frequent use is planned.
18	Contact with surfaces shared with WPS (toilets, chairs, tables, main gate)	Risk if infection	Serious consequences for vulnerable persons	Anyone	3	2	6	Chairs and tables not used. Archers refrain from using toilets if possible. Any other surfaces contacted to be sprayed with disinfectant after contact.	3x1	Avoid contact or decontaminate post contact.