



FRYLANDS WOOD SCOUT OUTDOOR CENTRE

Air Rifles Risk Assessment (please also read Generic Site RA)

Activity: AIR RIFLES		Reviewed By: Barry Goswell					Updated: October 2023		
Reviewed if methods change and/or after incidents, NOT reviewed annually									
Activity/Hazard	Who is at risk	Before Control Measures			Control Measures	After Control Measures			
		Likelihood 1-3	Severity 1-3	Risk Rating	Please see Generic Site Risk Assessment for explanation of risk ratings	Likelihood 1-3	Severity 1-3	Risk Rating	
Accidents and First Aid									
Instructor Qualifications	Staff, users, other site users & public	2	3	6	<ul style="list-style-type: none"> • Lead instructor to have the relevant qualifications, training & sign offs, as detailed in the activity training requirements grid • For self-led sessions, if not on file already, you must show a valid Certificate or Permit to the Duty Manager or at the office and sign the related Conditions of Use • Lead instructor/ own instructor must be 18 years old or over • If the qualified instructor is younger than 21 years old, under the Firearms Act, they must ensure someone aged 21 or over is present to supervise any under 14 year olds • The person aged 21 or over does not have to be a qualified instructor • Instructors must be aware of this Risk Assessment & the Generic Site RA 	1	3	3	
First Aid required	Staff, users, other site users & public	2	3	6	<ul style="list-style-type: none"> • Group is responsible for having their own First Aid kit • If run by Frylands Wood instructor, they should carry a First Aid kit • All staff on site are first aid trained and large First Aid kits are available at Reception, Providore & Crew Hut • All staff aware of site emergency plan and carry a site radio 	1	3	3	

Previous or current Medical injury\condition	Users	2	2	4	<ul style="list-style-type: none"> • Ensure that participants have no injuries that would be made worse by shooting • Anyone who feels unwell or is suffering from the effects of drugs/ alcohol must not take part 	1	2	2
Unauthorised use of rifles	Staff, users, other site users & public	1	3	3	<ul style="list-style-type: none"> • Guns are kept in a locked cupboard in a locked & alarmed storeroom covered by CCTV • Pellets are kept in a combination code safe separate from the rifle's cupboard in a locked & alarmed storeroom covered by CCTV 	1	3	3
Equipment failure	Staff & users	2	2	4	<ul style="list-style-type: none"> • All equipment should be checked for obvious faults before, during and after each session • Any damage should be reported to the Duty Manager & the equipment should not be used until inspected, repaired & deemed safe • All equipment & the range has a detailed inspection monthly & results logged • Do not use pellets that fall on the floor as dirt can be transferred into the gun & jam it 	1	2	2
Re-bounding pellets	Staff & users	2	3	6	<ul style="list-style-type: none"> • Ensure pellet catchers are in place & in good state of repair • Material of wall is intact • Range layout as per NSRA recommendations • Goggles available on range 	1	3	3
Overshoot (only applicable to temporary outdoor ranges)	Staff, users, other site users & public	2	3	6	<ul style="list-style-type: none"> • Location of range • Range layout as per NSRA recommendations • Range capacity of rifle • Boundary fences\ropes & overshoot area to be checked by the instructor before & after the session 	1	3	3
Range Safety	Staff, users, other site users & public	2	3	6	<ul style="list-style-type: none"> • Minimum age of 8 years old for participants, younger participants will not be able to control the air rifle fully • Safety talk before starting to shoot • Misbehaviour means no shooting • Max group size of 12 • No more than 6 shooting at once per instructor • Number of shooters reduced, as judged by 	1	3	3

					<p>instructor, if inexperienced and/or have additional needs. Extra helpers used if required under supervision of lead instructor</p> <ul style="list-style-type: none"> • Clear explanation of “Start” & “Stop” shooting commands • Clear explanation of waiting line & shooting line • No staggered shooting lines • Hatch down before waiting line crossed • No-one to open hatch or to cross shooting line without permission of lead instructor • Rifles kept pointing at targets at all times • No deliberate shooting off target • Only guns with a 0.177 inch calibre & muzzle energy of 12 ftlb or less are allowed on Scout Premises including this Centre 			
Impact from spring back of barrel during cocking of gun	Staff & users	2	1	2	<ul style="list-style-type: none"> • Safety talk & demonstration at beginning & during activity • Ensure one hand is kept on the barrel at all times whilst cocking & loading the rifles • Ensure sufficient helpers for loading guns etc. where required 	1	1	1
Fingers caught in guns during cocking	Users	2	1	2	<ul style="list-style-type: none"> • Safety talk & demonstration at beginning & during activity • Ensure sufficient helpers for loading guns etc. where required 	1	1	1
Noise of activity	Staff & users	2	1	2	<ul style="list-style-type: none"> • Below 80db so PPE not required 	2	1	2
Lighting								
Reduced lighting increases risk of accidents	Staff & users	2	3	6	<ul style="list-style-type: none"> • Ensure lights are used & all working, inform Duty Manager as any that are not • UV shooting is allowed but ensure sufficient helpers for age & number shooters with additional risk 	1	3	3
Slip, Trips & Falls								
Range tidiness	Staff & users	1	2	2	<ul style="list-style-type: none"> • Range should be kept tidy & free from trip hazards especially near shooting line & route to targets including sweeping up pellets 	1	2	2

					• Coats on backs of seats & bags under seats			
Contact between users & staff	Staff & users	2	2	4	• Non-shooters should remain seated in waiting area or go outside to avoid trip hazard to shooter & instructors	1	2	2
Manual Handling								
Weight of Guns	Staff & users	2	2	4	• Younger shooters may find guns heavy, ensure sufficient helpers for loading guns etc where required • Gun supports available to rest gun barrels on	1	2	2
Arm Strain	Users	2	1	2	• Arm strain can develop over time • Be aware of session length & number of pellets used for new shooters • Steps available for shorter shooters who can't reach the counter	1	1	1
Control of Substances Hazardous to Health								
Lead poisoning	Staff & users	1	2	2	• Lead can be poisonous but only if ingested in large quantities • Ingestion of small amounts can cause sickness so no eating on the range & wash hands with soap & water after sessions.	1	2	2
Fire Safety								
Electrics including lights	Staff & users	1	3	3	• Permanent lighting in range but should still be checked for obvious damage or building leaks before turning on • See building risk assessments regarding testing	1	3	3
Electrical Safety								
Mains supply	Staff & users	1	3	3	• Permanent ring circuit in range but should still be checked for obvious damage or building leaks before turning on • Equipment brought in from outside should ideally be PAT tested but is used at the owner's risk • See building risk assessments regarding testing	1	3	3

The areas below were considered and weren't deemed a risk at the time of the assessment:

Falls from Height

Gas Safety

Plant and Machinery

Hazardous Buildings/Glazing

Display Screen Equipment