

Risks we think are specific to Air rifles

What are the hazards? What can cause harm?	Who might be harmed and how?	What are you already doing? What are you doing to control hazards and the chance of someone getting hurt?	Do you need to do anything else to control this risk? By following this risk assessment, are the hazards & chances of someone being harmed adequately controlled?
		See Generic Risk Assessment for all activities	
Slips, trips and falls whilst on the ground	Participants & Instructor, Non participants.	Instructor vigilance & making guests aware of hazards in the environment (Floor and door step)	Trivial if controls are followed
Being shot by a pellet	Participants & Instructor, Non participants.	NRSA qualified instructor; range design and range rules, no pellets to be left with participants when collecting targets, instructor to check barrels are clear of pellets before collecting targets. Pellets and air rifles to be stored in separate location. NRSA guidance is 1:12. There will be 1:1 coaching the first-time participants shoot. No more than 3 people to shooting at once.	Trivial if controls are followed
Injuries from getting hands/ fingers trapped in the rifles	Participants & Instructor	NRSA qualified instructor who will brief and coach participants	Trivial if controls are followed
Dangerous or ill-informed shooting style	Participants & Instructor	NRSA qualified instructor who will brief and coach participants	Trivial if controls are followed
Non-participants being hurt or interfering with the session.	Participants & Instructor	Range design including waiting area.	Trivial if controls are followed
Injuries when collecting pellets.	Participants & Instructor	NRSA qualified instructor, coaching participants, and group control	Trivial if controls are followed

Ricochets (side walls, end wall)	Participants & Instructor	Coaching by NRSA qualified instructor, NRSA guidance on Range Design, shooting line at taster session distance (standing behind the shooting bench) the shooting line is approx. 9 yards from the back net / flat surfaces facing shooters covered in carpet. Goggles to be always worn during the session.	Trivial if controls are followed
Behaviour issues leading to accidents	Participants & Instructor	The instructor will hold an NRSA qualifications and their group size of 1:12 recommendation will be maintained. The visiting group's leaders do not need to count in the 1:12 ratio if they are helping supervise their group's behaviour.	Trivial if controls are followed
Lead Poisoning	Participants & Instructor	All participants are advised to wash hands thoroughly after the session. No food is to be consumed during the session. Instructor to wash hands. Guns, eye protection and ear defenders should be wiped down before session. There is a detailed risk assessment of who should clean the floor from led pellets and how. (January 2025)	Trivial if controls are followed
Transportation of guns	Participants & Instructor	Guns to be transported by NSRA Instructor carried in gun sleeves & never left unattended.	Trivial if controls are followed
Air quality	Participants & Instructor	Air quality should be monitored. There should be an extraction fan or delimitator in place to help maintain air quality in this enclosed range. (January 2025)	Trivial if controls are followed

Reviews Undertaken: (note template last updated 19/6/2016)	Richard Irvine and Dan Farnsworth December 2016, Richard Irvine 4/12/17 Richard Irvine 5/8/2018 Richard Irvine 3/12/2019 Nigel Ruse 2021; Michael Barrett 2022 & 2023, Richard Irvine Feb 2024 January 2025		
Risk Assessment Approved by:	Richard Irvine		Date: January 2025

		Potential severity of harm		
		Slightly Harmful 1	Harmful 2	Extremely Harmful 3
Likelihood of	Highly unlikely 1	Trivial 1	Tolerable 2	Moderate 3
	Unlikely	Tolerable	Moderate	Substantial

Slightly harmful: Superficial injuries; minor cuts and bruises; eye irritation from dust, nuisance and irritation (e.g. headaches); ill-health leading to temporary discomfort.

Harmful: Lacerations; burns; concussion; serious sprains; minor fractures, deafness; dermatitis; asthma; work related upper limb disorders; ill-health leading to permanent minor disability.

Extremely harmful: Amputations; major fractures; poisonings; multiple injuries; fatal injuries, occupational cancer; other severely life shortening diseases; acute fatal diseases