

# RISK ASSESSMENT: Pinsent Air Rifle Shooting

Completed by: Pinsent Activities Team

Version 03

Date: 09/05/2025

Next Review Date: 11/02/2026

Creation Date: 30/03/2023

What is the Hazard ?	Who may be harmed?	How might people be harmed?	Risk Rating			Control Measures in Place	Remaining Risk		
			Probability	Severity	Risk		Probability	Severity	Risk
Escape From building	All	Burns, smoke inhalation, death	2	5	10	<ul style="list-style-type: none"> <li>Instructor to ensure all exits are clear, prior to session commencing, inside and outside.</li> <li>Instructors to give briefing to group at start of session on what to do if the alarm sounds and indicate where the Fire Assembly Point is.</li> <li>Instructors to give briefing to group at start of session on sounding the alarm if fire spotted.</li> <li>PDF instructions to be given to range hirer.</li> </ul>	1	2	2
Slips, trips and falls	All	Cuts, grazes, bruises	3	2	6	<ul style="list-style-type: none"> <li>All equipment not being used is put away in the gun cabinet.</li> <li>All participants instructed to wear fully enclosed footwear. ie. no crocks or sandals.</li> <li>Where appropriate footwear is not worn, person will not be allowed to participate in session</li> <li>Instructor to ensure range is clean and tidy before and after use.</li> </ul>	1	2	2
Group Behaviour	All	Loss of control of the group, participants being distracted/not listening.	3	2	6	<ul style="list-style-type: none"> <li>Group leaders are to ensure that the group is under control at all times.</li> <li>Instructor is to stop the session if the participant's behaviour is dangerous or causing a distraction.</li> <li>Participants will be asked to leave the barn if they cannot behave as requested by the instructor in charge.</li> </ul>	1	2	2
Unauthorised Access	All	People wandering on to the range unaware of what it is could result in standing on a live range.	4	5	20	<ul style="list-style-type: none"> <li>Clear sign to be positioned at entrance to range stating 'No entry shooting in progress'</li> <li>The Activity Barn is the only location where Air Rifle shooting may take place on the Pinsent site.</li> <li>Range is surrounded on 3 sides by ballistic netting</li> </ul>	1	3	3
Misuse of rifles	All	Shooting of people in the vicinity	3	3	9	<ul style="list-style-type: none"> <li>Participants are instructed on the correct way to hold the rifle.</li> <li>Any participants not paying attention will be stopped from taking part in the activity.</li> <li>Instructor to remain vigilant at all times.</li> <li>All rifles to be pointed down range</li> </ul>	1	2	2
Rifle being store loaded	All	Rifle going off unaware it is loaded	2	3	6	<ul style="list-style-type: none"> <li>Instructor to check that all barrels are clear at the end of a session before the rifles are put away in the gun cupboard.</li> </ul>	1	2	2

## RISK ASSESSMENT: Pinsent Air Rifles

What is the Hazard?	Who may be harmed?	How might people be harmed?	Risk Rating			Control Measures in Place	Remaining Risk		
			Probability	Severity	Risk		Probability	Severity	Risk
<b>Crushed fingers</b>	Participants	Cuts, bruises, swelling	2	3	6	<ul style="list-style-type: none"> <li>Instructor to demonstrate the correct loading of the rifle with emphasis on hand placement.</li> <li>Instructor to supervise each participants initial loading of rifles.</li> <li>Ensure sufficient supervision for participant capability.</li> </ul>	1	3	3
<b>Lead Poisoning</b>	All	Headaches, blood poisoning	2	3	6	<ul style="list-style-type: none"> <li>All participants to be instructed to wash hands after/at end of session.</li> <li>Pellets must not be put into the mouth</li> </ul>	1	3	3
<b>Impact from Pellet</b>	All	Bruises, puncture wounds from pellet impact	2	4	8	<ul style="list-style-type: none"> <li>Instructor to explain that pellets can bounce back from targets.</li> <li>The participants do not have access to the rifles and pellets when they are not being supervised.</li> <li>Participants are instructed not to approach the rifles unless told to do so by instructor.</li> <li>An NSRA YPS qualified instructor is in charge of the range at all times.</li> <li>Participants are instructed to keep the rifles pointed down range at all times.</li> <li>Participants are given suitable rifle size.</li> </ul>	1	4	4
<b>Loading of rifle pointing at other people</b>	All	Bruises, puncture wounds from pellet impact	3	3	9	<ul style="list-style-type: none"> <li>Instructor to give clear demonstration of the safe ways to load a rifle and to keep it pointing down the range.</li> <li>Participants to be told not to put finger near trigger when loading.</li> <li>Number of participants at the firing line controlled by instructor.</li> <li>Instructor to supervise each participants initial loading.</li> </ul>	1	3	3
<b>Overshoot and side shots</b>	All	Bruises, puncture wounds from pellet impact	3	4	12	<ul style="list-style-type: none"> <li>All Air Rifle shooting to take place in the barn within the designated section.</li> <li>Ballistic netting fitted to three sides of range</li> </ul>	1	4	4
<b>Walking on to live range.</b>	All	Puncture wounds from pellet impact	2	4	8	<ul style="list-style-type: none"> <li>Only the Activity Barn to be used for Air rifle shooting.</li> <li>Anyone entering, that is not part of the group, to be asked to leave the Air Rifle range.</li> <li>Rear fire door to be kept shut at all times.</li> </ul>	1	4	4

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What is the Hazard?	Who may be harmed?	How might people be harmed?	Risk Rating			Control Measures in Place	Remaining Risk		
			Probability	Severity	Risk		Probability	Severity	Risk
<b>Equipment Failure</b>	All	Bruises	3	2	6	<ul style="list-style-type: none"> <li>All equipment is inspected and logged Yearly.</li> <li>All equipment is checked before each session and any faulty equipment is removed from operation immediately, logged and placed in the quarantine bin.</li> </ul>	1	2	2
<b>Gun Handling</b>	All	Bruises, Cuts	2	2	4	<ul style="list-style-type: none"> <li>Handling of the gun to be supervised by the Range Officer at all times</li> <li>No loose or baggy clothing</li> <li>Long hair to be tied back</li> </ul>	1	1	1
<b>Human Error</b>	All	Instructor complacency and loss of focus could put everyone at risk.	3	3	9	<ul style="list-style-type: none"> <li>All instructors hold NSRA YPS qualification.</li> <li>All instructors are regularly monitored to ensure procedures are complied with.</li> <li>All instructors are aware of where risk assessments and operating procedures are stored.</li> <li>Where possible, instructors to only work the same session twice in one day.</li> </ul>	1	3	3
<b>Unfamiliar Equipment</b>	All	Equipment malfunction.	1	3	3	<ul style="list-style-type: none"> <li>Participants under the instruction of an Activity Team member may only use equipment owned by the Activities Team.</li> </ul>	1	1	1
<b>Fire</b>	All	Burns, Smoke inhalation, death	2	4	8	<ul style="list-style-type: none"> <li>No smoking or Vaping permitted within the building</li> <li>Empty all waste bins at regular intervals</li> <li>Keep building inside and outside clear of all flammable materials.</li> </ul>	1	2	2
<b>Theft / Unauthorised use</b>	All	Death	2	5	10	<ul style="list-style-type: none"> <li>Guns to be kept locked in the gun cabinet within the Activity Barn when not in use.</li> <li>Gun cabinet fixed to either the floor or the wall</li> </ul>	1	1	1
<b>Use by convicted person or their relative</b>	Instructors	Mandatory 5 Year Prison Sentence	2	5	10	<ul style="list-style-type: none"> <li>All participants under the age of 18 must have a signed parental consent form. <b>NO Form No Shoot.</b></li> <li>All Adults to be asked if they have been imprisoned for 3 months or more.</li> <li>No persons to use a firearm if they have been imprisoned for 3 months or more.</li> </ul>	1	1	1

## RISK ASSESSMENT: Pinsent Air Rifles

Level	Likelihood Factor	Severity Description
1	Very Unlikely	Insignificant – No injury or No First Aid required.
2	Unlikely	Minor – Minor injuries requiring first aid such as cuts, grazes, bruising.
3	Fairly Likely	Moderate – Injuries resulting in up to three days' absence from work.
4	Likely	Major – Injuries resulting in a week or more absence from work, for example broken bones, deep cut etc.
5	Very Likely	Catastrophic – Amputations or Death.

Remaining Risk Level	Description
1-5	Very low, minimal risk, control measures more than adequate
5-10	Low, control measures satisfactory
10-15	Medium, control measures adequate
15-20	High, control measures need further consideration
20-25	Very high, intolerable, stop Job

AIR RIFLE SHOOTING ACTIVITY RISK ASSESSMENT – Approval for use

The following signatures approve the undertaking of Air rifle shooting in the Activity barn at Pinsent subject to the application of the risk control measures in the risk assessment above.

Signatures

Pinsent Activities Manager:

<i>C G Floyd</i>	C G Floyd	28 April 2025
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District Safety Lead:

<i>David Ashby</i>	D Ashby	09/05/2025
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Change History

Version	Date	Changes made
01	30 March 2023	Creation of Risk Assessment.
02	June 2024	Include Activity Barn.
02.1	19 Feb 2025	Include theft and convictions risk.
03	09 May 2025	Updated inline with range moved to new activity barn