

RISK ASSESSMENT: Rifle Shooting

Completed by: Activities Team

Date: 15/02/2019

Review Date: 15/02/2020



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
Slips, Trips and Falls	All	Cuts, grazes, bruises	2	2	4	<ul style="list-style-type: none"> All equipment not in use is put away. All participants are instructed to wear appropriate footwear. Instructor to make sure range is clean and tidy before and after use. 	1	2	2
Group Behaviour	All	Loss of control of the group, participants being distracted/ not listening.	3	3	9	<ul style="list-style-type: none"> Group leaders are to ensure that the group is under control at all times. Instructor is to stop the session if participant's behaviour becomes dangerous. 	1	3	3
Unauthorised Access	All	People wandering on to the range unaware of what it is could result in standing on a live range.	2	4	8	<ul style="list-style-type: none"> Clear signs to be posted at all access points stating 'No Admittance to Unauthorised Persons'. All access points to be locked when the activity is not in use. 	1	4	4
Misuse of Rifles	All	Misuse could lead to injury of user or others in the vicinity.	3	3	9	<ul style="list-style-type: none"> Safety rules are explained to group at the beginning of the session. The instructor is to remain vigilant. Anyone misusing the rifle or not paying attention to the safety rules is stopped from taking part in the activity. 	1	3	3
Rifle Being Stored Loaded	All	Participant may shoot rifle unaware it is still loaded.	2	3	6	<ul style="list-style-type: none"> The instructor checks at the end of the session that the barrels are clear. 	1	3	6
Crushed Fingers	Participants	Cuts, bruises, swelling	2	3	6	<ul style="list-style-type: none"> Instructor demonstrates where participants are to put their hands when they are loading the rifle. Instructor to supervise to make sure they are following instructions 	1	3	6
Lead Poisoning	All	Headaches	2	3	6	<ul style="list-style-type: none"> Instructor to inform participants on how to manage this risk during safety briefing. Instructor to remind participants to wash hands immediately after session. 	1	3	3

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Impact from Pellet	All	Bruises, puncture wounds from pellet impact	2	4	8	<ul style="list-style-type: none"> All participants are notified that pellets can bounce back from the targets. The instructor gives clear and simple instructions on the rules of the range. Participants are supervised by a qualified instructor at all times. Instructor checks that everyone has understood the rules before continuing. Access to the range is controlled. There is a solid barrier between the firing stations and access to the range. Access to pellet is controlled by instructor. Signs warning people of the danger if they enter the area. Instructor checks barrels are clear before group collect targets. 	1	4	4
Loading the Rifle (Danger of loading whilst pointing at another person)	All	See above	3	4	12	<ul style="list-style-type: none"> Instructor to give clear demonstration and instructions on the safe way in which to load the rifle. Instructor to supervise whilst participants are loading their rifles. Participants told not to put their finger near the trigger when loading the rifle. Safety catch applied every time whilst loading the rifle. Instructor to monitor this. Number of people at the firing points controlled by the instructor. 	1	4	4
Over Shoots and Side Shoots	All	See above	3	4	12	<ul style="list-style-type: none"> Participants given clear instruction on the direction of shooting. Physical stop behind targets to stop stray pellets. 	1	4	4

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Walking on to Live Range (in front of shooting line)	All	Person could potentially be shot at.	2	4	8	<ul style="list-style-type: none"> No side access to the range. Instructor has overall control on entrance to the range. Only one access point to get in front of the firing line, which is next to the instructor on the far side of the shooting line. Any non-participants entering the range will be advised about the firing line or asked to leave if not part of the participating group. 	1	4	4
Equipment Failure	All	Crushed fingers.	2	3	6	<ul style="list-style-type: none"> All equipment is inspected and logged each month. All equipment is checked before each session and any defected equipment is removed from operation, logged and placed in the quarantine bin. 	1	3	3
Human Error	All	Instructor complacency and loss of focus could put everyone at risk.	3	3	9	<ul style="list-style-type: none"> All instructors are trained by a Lead Instructor and observed before running the session. All instructors are regularly monitored to ensure procedures are complied with. All instructors are issued with a Handbook outlining all procedures in place for the activity. Where possible, instructors to only work the same session 2 times in 1 day. Instructors made aware of any changes to activity. Refresh training when necessary. 	1	3	3

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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.