

Organisation:

Basingstoke Air Rifle & Pistol Club (BARPC)

Assessor: Simon Barker

Activity/Exercise:

Walled Garden Range - General Use

Date of Assessment: 1 Apr 20

Relevant Publications/Pamphlets/Procedures:

Walled Garden Range Rules
BARPC Handbook
Range Officer Interview Sheets

Review Date: 1 Apr 21

Generic Risk Assessment: Yes/No

Ser	Activity / Element (Step 1)	Hazards Identified (Step 2)	Risks Identified (Step 3)	Existing Controls (Step 4)	Is Residual Risk Acceptable (Step 5)	Additional Controls Required (Step 6)	Is Residual Risk Acceptable ¹ (Step 7)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Setting up and closing down the range for use.	Slips, trips and falls.	1x2 Low	Walkways maintained and clear of hazards. Equipment stored off the floor in the shed or containers. Hazards identified marked with hazard tape if not removed. No working at height. First aid kit (10 person) located in the range hut.	Yes		
		Manual Handling injuries from moving equipment.	1x2 Low	All equipment stored below head height and on suitable shelving within shed or containers. Clear walkway maintained within storage area. All equipment requiring two (or more) persons to move clearly marked as such. First aid kit (10 person) located in the range hut.	Yes		
		Abrasions and impact injuries from deploying equipment.	1x2 Low	Equipment inspected prior to and post use. Faulty equipment quarantined before repair (off site) or disposed of and replaced. Hand tools only operated by competent adults. Glasses/goggles and gloves available for hammering pegs/stakes. EN166s/f minimum standard. All members warned of strength of magnets used on targets and care to be taken when using them. First aid kit (10 person) located in the range hut.	Yes		
		Use of aerosol paints.	2x1 Low	Only domestic aerosol paints used on targets. Aerosols only operated by competent adults. Aerosols only used outside in well ventilated	Yes		

¹ If residual risk remains consult committee.

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
				areas. Eye and hand wash stations available. First aid kit (10 person) located in the range hut.			
		Episodes of underlying health issues.	3x1 Medium	Members encouraged to inform committee of any underlying health issues. Also encouraged to only work within their limits. Vehicle access maintained on to range should emergency assistance be required. First aid kit (10 person) located in the range hut.	Yes		
2	Using the range.	Negligent Discharge of an air weapon.	3x1 Medium	All persons using the range must have completed a range induction or be directly supervised (1:1) by a Range Officer or an individual nominated by a Range Officer. All members briefed on the following procedures; -Guns to be transported unloaded and decocked. -Muzzles to be kept pointing down at the ground unless on the shooting line including when in transit. -Guns only to be loaded at the shooting line. -No shouldering of rifles or aiming of guns anywhere other than the shooting line. -Fingers kept clear of triggers until ready to take an aimed shot. -Only rifles with a maximum power of less than 12ft/lbs and pistols with a maximum power of 6ft/lbs may be used at the Walled Garden. -No alcohol is to be consumed prior to using the range and shooters are not to be under the influence of alcohol or drugs whilst using the range. Range Officers actively looking to reinforce these points throughout use of the range. Vehicle access maintained on to range should emergency assistance be required. First aid kit (10 person) located in the range hut.	Yes		
		Pellet leaving the range danger area.	2x1 Low	The range is enclosed on three sides by high walls and the fourth by a solid metal fence plus a hedge. All targets are placed on the ground or within 3ft of the ground. Muzzles are to be kept pointing at the ground except when at the shooting line.	Yes		

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
				Shots are only ever taken in a direction such that a wall acts as the final backstop. First aid kit (10 person) located in the range hut.			
		Ricochet.	2x2 Medium	<p>Only lead, lead alloy, copper coated lead, zinc, zinc alloy and frangible ammunition to be used on the range. On no account is ammunition made of (or containing) steel or plastic to be used.</p> <p>Only rifles with a maximum power of less than 12ft/lbs and pistols with a maximum power of less than 6ft/lbs may be used at the Walled Garden.</p> <p>Targets are not to be placed closer than 8yds from a shooting line.</p> <p>Targets placed between 8 and 25 yards must have a steel backstop directly behind them.</p> <p>Targets placed between 25 and 35 yards from the 55 yard shooting line must have additional steels placed to the side nearest the 30 yard shooting line.</p> <p>Only targets provided by the club or paper targets to be used. If a member brings their own target it is to be assessed for ricochet risk by the Range Officer.</p> <p>The magnets used to secure paper/card targets to the frames are not to be shot. They shatter when hit and pose an increased risk of ricochet.</p> <p>Members are briefed that these measures only reduce the risks posed by ricochets to a level deemed ALARP by the Committee they do not remove the risk and members are encouraged to wear ballistic eye protection. This is available on site. EN166s/f minimum standard.</p> <p>Vehicle access maintained on to range should emergency assistance be required.</p> <p>First aid kit (10 person) located in the range hut.</p>	Yes		
		Abrasions & Crush injuries from piston powered air weapons.	2x1 Low	<p>Members are instructed in how to safely load piston powered guns during the induction process (maintaining control of the cocking lever and never relying on mechanical devices).</p> <p>Members also instructed on ensuring correct eye relief for recoiling guns.</p> <p>Range Officers are present to ensure these</p>	Yes		

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
				<p>processes are adhered to.</p> <p>Vehicle access maintained on to range should emergency assistance be required.</p> <p>First aid kit (10 person) located in the range hut.</p>			
		Persons straying into the range area.	3x1 Medium	<p>The range is enclosed by a wall on three sides and a hedge plus fence on the fourth. These are inspected prior to use and repaired as necessary. There is only one point of access onto the range and it is behind the shooting line.</p> <p>The range is controlled by an authorised Range Officer and is only made live once they are certain no one is forward of the shooting line.</p> <p>If people do need to move forward of the shooting line then the Range Officer signals a cease fire and waits until all shooters have cleared their guns prior to allowing movement forward of the shooting line.</p> <p>If someone does stray into the range area the Range Officer will signal an immediate cease fire. All members are briefed that they can initiate a cease fire if they feel there is immediate danger by shouting 'STOP, STOP, STOP!'</p> <p>Vehicle access maintained on to range should emergency assistance be required.</p> <p>First aid kit (10 person) located in the range hut.</p>	Yes		
		Freezing injuries from CO2.	1x1 Low	<p>Members are briefed during the induction of the inherent risk of a freezing injury caused by a recently used CO2 cartridge and to avoid handling them with bare hands.</p> <p>First aid kit (10 person) located in the range hut.</p>	Yes		
		Injuries resulting from high pressure air (HPA) leaks.	3x1 Medium	<p>Recharging of guns from HPA bottles and pumps is only to be conducted away from the shooting line and by competent adults.</p> <p>When not in use HPA bottles are to be stored at ground level and not on benches or elevated shelves.</p> <p>Members are briefed that they should ensure all HPA bottles are covered by an indiate inspection and checked prior to use.</p> <p>Members are also briefed on filling procedures.</p> <p>The Range Officers are present to offer advice as</p>	Yes		

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
				required. Vehicle access maintained on to range should emergency assistance be required. First aid kit (10 person) located in the range hut.			
		Lead poisoning.	3x1 Medium	Members are briefed during the induction that lead is toxic and they should wash their hands thoroughly after handling ammunition. This message is reiterated when food/drinks are provided at the range. Hand wash station available.	Yes		

Authorising Officer	Name	Post	Date	Signature
Existing and Additional Controls Agreed	Bryn Jones	Chairman		
Additional Controls Implemented				

Likelihood		Risk Matrix		
Common, regular or frequent occurrence.	3	3 Med	6 High	9 High
Occasional occurrence.	2	2 Low	4 Med	6 High
Rare or improbable occurrence.	1	1 Low	2 Low	3 Med
Severity		1 Minor injury or illness.	2 Serious injury or illness.	3 Fatalities, major injury or illness.