

RANGE ORDERS FOR B RANGE

References:

- A. Mattersey Range Safety and Operating Plan
- B. Range Safety Certificate B Range

The Range		
Sec.	Subject	Details
1.	Name	B Range
2	Description	<p>B Range is a 50yd No Danger Area Range set up primarily as a Bianchi Plate range for GRCF and LBR with two sets of 6No. 8 inch steel falling plates. FIRING TAKES PLACE AT 25 YDS ONLY, UNLESS DURING SANCTIONED COMPETITION(S) OR COMPETITION PRACTICE(S) WITH THE APPROVAL OF THE COMMITTEE.</p> <p>Shooters engage a single plate rack from a position central to each rack.</p> <p>No cross-shooting across racks is allowed.</p> <p>Magnum, armour piercing, high velocity, jacketed or plated rounds are not permitted on steel plate targets.</p> <p>The limits are as follows:</p> <p>Centrefire: (lead core bullets only)</p> <p>Bullet weight over 200 grains: maximum velocity 1000 ft/sec</p> <p>Bullet weight 200 grains or less: maximum velocity 1200 ft/sec</p>
3	Air Danger Height	500ft (152m)
4	Range Safety Certificate	The Range Safety Certificate is held on file and stored in the Members' Area on the Club website.

Firearms & Ammunition for Bianchi Plates					
Sec.	Firearm	Firing Point/Distance/Position			Remarks
		50yds	25/20/15 metres/yds	10 metres/yds	
5.	Rimfire Rifle (incl. 0.17HMR) & FAC Air Rifle	Not permitted	Not permitted	Not permitted	
6.	Pistol-calibre Carbine	Not permitted	Standing/sitting/kneeling - unsupported.	Standing/sitting/kneeling unsupported.	
7.	Muzzle-loading Rifle	Not permitted	Not permitted	Not permitted.	
8.	Pistol (including Air Pistol)	Not permitted	Standing/kneeling - unsupported.	Standing, single & two handed.	Air pistol on penetrable targets only
9.	Shotgun (slug and birdshot)	Not permitted	Not permitted	Slug not permitted. Birdshot only (no steel shot)	Maximum distance for birdshot is 10 metres
	Notes: 1. Firing in the prone position is not permitted on this range. 2. Rifles may be fired the standing position using a shooting stick(s) or tripod designed for shooting support.				

10.	Ammunition limits IF the range is used with PENETRABLE TARGETS		
	0.22 rimfire	Maximum MV 2145fps	Maximum ME 350 ft lbs (475J)
	0.17HMR	Maximum MV 2650fps	Maximum ME 245 ft lbs (332J)
	Pistol Calibre	Maximum MV 2145fps	Maximum ME 1495 ft lbs (2027J)
	Black Powder (incl Metallic Cartridge)	Maximum MV 2145fps	Maximum ME 1495 ft lbs (2027J)
	Air weapons	Maximum MV 2145fps	Maximum ME 350 ft lbs (475J)
Notes:			
1. Tracer ammunition, regardless of calibre is NOT to be fired on this range.			
2. Members are individually responsible for ensuring that their firearm/ammunition falls within the maximum muzzle velocity & muzzle energy permitted by the Safety Certificate for this range and the limits as defined above when engaging the steel plates. If in any doubt refer to the Range Manager or Secretary.			

Duties of the Range Officer

Pre-Firing Procedure

Sec.	Subject	Details
11.	Range Orders	It is the duty of each Range Officer to ensure that they are familiar with the Range Orders for the range and with the club's Range Safety and Operating Plan. One ADULT member is nominated Range Officer to be in control of the range.
12.	Signing On (Range Log)	The Range Officer is to sign on in the pre-firing sections of the Range Log before permitting shooting to commence.
13.	Danger Flags	Before permitting shooting to commence the Range Officer is to confirm that all Range Complex flags are flying at their designated locations, any necessary barriers are in place and the range danger flags are raised.
14.	Inspect the Range	<ol style="list-style-type: none"> 1. The Range Officer is to inspect the range prior to firing with particular attention to the following: <ol style="list-style-type: none"> a) Condition of the firing point(s) to be used. b) Condition of the plate frame(s) to be used, paying particular attention to the plates for ricochet-inducing damage.. c) Condition/profile of the bullet catcher. Check for any indication of 'tunnelling' and presence of ricochet-inducing material. Note: If tunnelling is evident it is to be filled by upward raking of sand before shooting commences. d) Walk the range floor. Check for presence of any ricochet-inducing material. 2. The range is unsafe to use if any ricochet-inducing material is between the firing points and the target line, or present in the bullet catcher/stop butt.
15.	Recording Defects	<p>Any defects are to be recorded in the Damage Log.</p> <ol style="list-style-type: none"> 1. If any defect is found that, in the opinion of the RO, renders the range unsafe for use the range is not to be used. 2. The RO is to record the details in the Damage Log and inform the Range Manager or a committee member by the fastest possible means. 3. If a defect does not, in the opinion of the RO, render the range unsafe for use the range may be used and full details of the defect(s) are to be recorded in the Damage Log.

Restrictions														
16.	Visibility	Live firing may only take place in conditions of good natural light. Range Officers are to monitor light conditions and suspend firing if visibility reduces to an unacceptable level.												
17.	Hearing & Eye Protection	The wearing of hearing protection is mandatory whilst firing is taking place. Eye protection is mandatory when shooting competitions or engaging hard targets.												
18.	Firers per Lane	Only one firer per lane is permitted.												
19.	Firing Positions	<ol style="list-style-type: none"> 1. Refer to Sections 5-9. 2. Firing from positions other than stated above may only take place with the express permission of the Committee. 												
20.	Cross-Lane Firing	Firers are only to engage the target(s) in their designated lane. There is to be no deliberate cross-lane firing except when called for when shooting NRA-approved courses of fire. When the hard targets in shooting-in boxes are being used, firers should be central to the target layout.												
21.	Limit of Advance	<p>Due to risk of back splash the minimum engagement distances for firearms are as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 5%;">a.</td> <td style="width: 75%;">.22in Rimfire/Air Weapon</td> <td style="width: 20%;">10yards</td> </tr> <tr> <td>b.</td> <td>Pistol calibre carbine</td> <td>10yards</td> </tr> <tr> <td>c.</td> <td>Muzzle/Front loading pistol</td> <td>10yards</td> </tr> <tr> <td>d.</td> <td>Shotgun (birdshot only)</td> <td>10yards</td> </tr> </tbody> </table>	a.	.22in Rimfire/Air Weapon	10yards	b.	Pistol calibre carbine	10yards	c.	Muzzle/Front loading pistol	10yards	d.	Shotgun (birdshot only)	10yards
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22.	Dry Firing, Aiming Practice, Bore-sighting	<ol style="list-style-type: none"> 1 Dry firing, aiming practice and bore sighting are permitted subject to the following: <ol style="list-style-type: none"> a. No personnel are forward of the firing point. b. It does not interfere with live firing. c. The Range Officer has given permission. d. The firearm involved is inspected and proved clear prior to being bagged/removed from the range. 												

23.	Firing at Different Distances — Firing points & Target Positioning	<p>1. Designated firing points are provided at 25yds (main firing point). Firing from other distances may only take place with the express permission of the committee.</p> <p>2. Under no circumstances are targets to be placed in improvised positions in the sand of the bullet catcher, or in the range floor at distances measured from the firing point.</p>
24.	Placing of Targets	Faling plate targets at 1.2metre target centre height within a plate mounting frame.
25.	Coaching	When percussion firearms, long barrelled pistols or blowback action .22 rimfire firearms are being used coaching is to take place from the firer's left side, unless the firearm itself is a left-handed model.
26.	Turning Target Apparatus	There is no turning target apparatus on this range.
27.	Entry to the Range Whilst Firing is Taking Place	On entering the range personnel are to remain at the rear of the range until the RO on duty gives them permission to move forward to a firing point.

Conduct of Live Firing

28.	Clear Range Procedure	Before permitting firing to commence the Range Officer is to ensure that no personnel are forward of the firing point.
29.	Non-shooting Personnel	Non-shooting personnel other than Instructors/Coaches are to remain at the back of the range. They may only approach the firing point with the express permission of the Range Officer.

Completion of Live Firing

30	Removal of Barrier and Range Danger flags	When all firing is complete, the access to the range is to be re-opened and the range danger flag is to be recovered and placed back on the firing point.
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