



RANGE STANDING ORDERS

TURITEA ROAD RANGE

Date 16 June 2022

Range Standing Orders are written to ensure all **Club Members and users are aware** of the conditions that apply to these ranges.

Safety MUST be your prime consideration when using the Rifle Rod & Gun Club Ranges

All persons not involved in the match being shot are to remain at least 1m behind the shooting line or starting position and must remain quiet so as not to interfere with the giving of instructions by any Range Officers

1. Introduction:

- [a] The Rifle Rod & Gun Club (Manawatu) Inc. is a multi discipline shooting and archery club.
- [b] These orders are applicable to all persons who enter the property administered by the Rifle Rod & Gun Club (Manawatu) Inc. These orders are to be promulgated to all Rifle Rod & Gun Club members and all other user organisations.
- [c] A Copy of these Range Standing orders are to be permanently displayed on the Club Notice Board.

2. Handling of Firearms

Firearms may only be handled at this range under the following circumstances.

- [a] In the designated and approved Safety Zone or CAS loading & unloading tables.
- [b] On the range under the supervision of a Range Officer or other approved match official.

3. General:

- ✧ The Rifle Rod & Gun Club Inc committee is responsible for the control of the Turitea Road Range Complex. All users of the range are to read these Orders in conjunction with the above references.

4. Range Template:

- ✧ The RRGc ranges are all certified as “No Danger Area Ranges” (NDA).
- ✧ A No Danger Area Range is a range where, for all practical purposes, the design precludes risk of personal injury or damage to property beyond the range floor caused by shot, direct or ricochet, fired in accordance with authorised procedures and aimed within the bounds of accepted aim deviation.

5. Responsibility.

- ✧ The Shooting Range Operator is Rifle Rod & Gun Club (Manawatu) Inc.
- ✧ The Committee of The Rifle Rod & Gun Club Inc is responsible for the Administration, Allocation, and ongoing maintenance of all The Club ranges

6. Compliance with Range Standing Orders:

- All users of the Rifle Rod & Gun Club’s Ranges are subject to these Range Standing Orders. **(There are no exceptions)** **User** organisations permitted use of these facilities will have use approvals withdrawn if they do not adhere to these Range Standing Orders.
- It is the responsibility of the executive members of the Club or Organisation using the range to ensure that all users are familiar with these Range Standing Orders

7. Location:

The range complex is located at NZ Topomap BM34, Palmerston North

- ✧ NZ map grid Reference E1825709 N5523296
- ✧ 333 Turitea Road, Palmerston North

8. Range Safety:

- [a] Safety of the range is the responsibility of all range users.
- [b] The Officer on Duty / Range Officer is responsible for ensuring that the range is safe prior to the commencement of any shooting activity.
 - 1. That the bullet catcher is in good repair.
 - 2. That the targets are approved for use on the range.
 - 3. Ammunition restrictions are adhered to.
 - 4. That there is no activity in the danger area.
 - 5. That hearing & eye protection is used by all range users

9. Range Layout:

The complex has Nine specific Ranges.

- | | | |
|-----------------------|---------------------------------|--------------------------------|
| ➤ Range 1. | 50 metre outdoor range. | Practical / Action Range |
| ➤ Range 2. | 100 metre outdoor range. | Practical / Action Range |
| ➤ Range 3. | 70 metre outdoor range. | Practical / Action Range |
| ➤ Range 4. | 100 metre outdoor range. | Practical / Action Range |
| ➤ Range 5 [a] | 25 metre outdoor range. | ISSF, Practical / Action Range |
| ➤ Range 5 [b] | 25 metre outdoor range. | ISSF, Practical / Action Range |
| ➤ Range 5 [c] | Range Under Construction | RANGE NOT CERTIFIED. |
| ➤ Range 6 [a]. | 30 metre outdoor range. | Practical / Action Range |
| ➤ Range 6 (b). | 30 metre outdoor range. | Practical / Action Range |

Note: When any or all of Ranges 5a and 5b are in use, Range 6a or 6b cannot be used and vice versa.

IMPORTANT NOTE:

On all ranges and to avoid ricochet problems, EVERY EFFORT **MUST** BE MADE TO ENSURE TARGET PLACEMENT IS AS CLOSE TO THE STOP BUTT AS POSSIBLE.

The Direction of fire on all ranges must be maintained in a direction that ensures all shots can be contained within the confines of the main stop butt/ Bullet Catcher

10. Restrictions and Conditions of Use:

Range one.

The ranges are restricted to the firing of the following firearms:

- [a] Pistols, including Pistol Carbines up to and including .45 Calibre
- [b] Rifles up to and including .223/5.56mm Calibre
- [c] Shotguns up to and including 12 Gauge
- [d] Rifles chambered for pistol ammunition up to and including .45 Calibre
- [e] Black Powder Firearms up to and including .58 Calibre

Conditions of Use

- No bullet impact from direct fire is permitted into the range floor.
- Targets: Only Targets approved by Pistol NZ may be used.
- Fire may be directed into right side backstop/berm out to a maximum of 15 metres. The backstop/berm must be at a height of 3 metres or more. With target placement being carefully considered with target centre height being no greater the 900mm from the range floor.
- Paper target centre height is to be 1200mm off the range floor.
- The Club safety Officer has the responsibility to ensure that any target setup is deemed safe and complies with range approval specifications.

Range two.

The ranges are restricted to the firing of the following firearms:

- [a] Pistols, including Pistol Carbines up to and including .45 Calibre
- [b] Rifles up to and including 8mm.
- [c] Shotguns up to and including 12 Gauge
- [d] Rifles chambered for pistol ammunition up to and including .45 Calibre
- [e] Black Powder Firearms up to and including .75 Calibre

Conditions of Use

- Down range shooting only.
- No bullet impact from direct fire is permitted into the range floor.
- Targets: Only Targets approved by Pistol NZ & TSNZ may be used.
- Pistol target centre height is to be 1200mm off the range floor.
- 50m Smallbore target changer centre height is to be 450mm off the range floor, with sand bags used to prevent range floor bullet strike for standing and kneeling positions.
- The Club safety Officer has the responsibility to ensure that any target setup is deemed safe and complies with range approval specifications.

Range three.

The ranges are restricted to the firing of the following firearms.

- [a] Pistols, up to and including .45 Calibre
- [b] Rifles chambered for pistol ammunition up to and including .45 Calibre
- [c] Shotguns up to and including 12 Gauge
- [d] Black Powder Firearms up to and including .75 Calibre

Conditions of Use

- Down range shooting only.
- Targets: Only Targets approved by Pistol NZ may be used.
- Target centre height is to be 1200mm off the range floor
- Clay targets are to be thrown directly down range so that shot should not leave the range.
- The Club safety Officer has the responsibility to ensure that any target setup is deemed safe and complies with range approval specifications.

Range four.

The ranges are restricted to the firing of the following firearms.

- [a] Pistols, including Pistol Carbines up to and including .45 Calibre.
- [b] Rifles up to and including 8mm Calibre.
- [c] Rifles chambered for pistol ammunition up to and including .45 Calibre.
- [d] Black Powder firearms up to .75 Calibre.

Conditions of Use

- Down range shooting only.
- No bullet impact from direct fire is permitted into the range floor.
- Targets: Only Paper targets approved by Pistol NZ may be used.
- Targets must be placed on the provided target holders.
- Target centre height is to be 1200mm off the range floor.

The Club safety Officer has the responsibility to ensure that any target setup is deemed safe and complies with range approval specifications.

Range Five(a)

- [a] Pistols, including Pistol Carbines up to and including .45 Calibre
- [b] Rifles chambered for pistol ammunition up to and including .45 Calibre.
- [c] Black Powder pistols up to .58 Calibre.

Conditions of Use

- Down range shooting only.
- No bullet impact from direct fire is permitted into the range floor
- Targets: Only Targets approved by Pistol NZ may be used.
- Target centre height is to be 1200mm off the range floor
- The Club safety Officer has the responsibility to ensure that any target setup is deemed safe and complies with range approval specifications.
- When Ranges 5a and 5b are in use, Range 6a or 6b cannot be used and vice versa

Range Five(b)

[a] Pistols, including Pistol Carbines up to and including .45 Calibre

[b] Rifles chambered for pistol ammunition up to and including .45 Calibre.

[c] Black Powder pistols up to .58 Calibre.

Conditions of Use

- Down range shooting only.
- No bullet impact from direct fire is permitted into the range floor
- Targets: Only Targets approved by Pistol NZ may be used.
- Target centre height is to be 1200mm off the range floor.
- The Club safety Officer has the responsibility to ensure that any target setup is deemed safe and complies with range approval specifications.
- When Ranges 5a and 5b are in use, Range 6a or 6b cannot be used and vice versa

Range 5(c)

RANGE UNDER CONSTRUCTION – NOT CERTIFIED

Range Six(a)

[a] Pistols, including Pistol Carbines up to and including .45 Calibre

[b] Rifles chambered for pistol ammunition up to and including .45 Calibre

[c] Shotguns up to and including 12 Gauge

[d] Black Powder firearms up to .75 Calibre.

Conditions of Use

- Down range shooting only.
- No bullet impact from direct fire is permitted into the range floor
- Targets: Only Targets approved by Pistol NZ may be used.
- Target centre height is to be 1200mm off the range floor
- The Club safety Officer has the responsibility to ensure that any target setup is deemed safe and complies with range approval specifications.
- When Ranges 6a and 6b are in use, Range 5a or 5b cannot be used and vice versa

Range Six(b)

[a] Pistols, including Pistol Carbines up to and including .45 Calibre

[b] Rifles chambered for pistol ammunition up to and including .45 Calibre

[c] Shotguns up to and including 12 Gauge

[d] Black Powder firearms up to .75 Calibre.

Conditions of Use

- Down range shooting only.
- No bullet impact from direct fire is permitted into the range floor
- Targets: Only Targets approved by Pistol NZ may be used.
- Target centre height is to be 1200mm off the range floor
- The Club safety Officer has the responsibility to ensure that any target setup is deemed safe and complies with range approval specifications.
- When Ranges 5a and 5b are in use, Range 6a or 6b cannot be used and vice versa

No firearms that have had alterations or modifications made to them that makes them illegal or unsafe may be used on these ranges at any time

No Firearms that are held against a "C" Category firearms Licence may be used on any range at any time.

11. Targets:

- Only Targets approved by Pistol NZ or TSNZ may be used.
- All Steel targets are to be placed in such a way as to minimise Ricochet and Splatter or be provided with an approved system to capture all Ricochets and Splatter.
- Targets should be placed at the target line. Targets can be staggered along the length of the range to cater for Action styles of shooting providing that they are at a height that missed rounds will be captured by the bullet catcher or moveable bullet catches will need to be used.
- Targets are not to be placed above the line of sight from the standing position nor should they be placed to cause divergent ricochets.
- The Club Safety Officer has the responsibility to ensure that any target set-up is deemed safe and complies with range approval specifications.

12. Steel Plate Targets.

- ONLY Approved steel plate targets may be used on the Rifle Rod & Gun Club Ranges. *Recommended minimum grade is Bisloy grade 450 or higher*
- All steel targets to be approved by the Officer on Duty/Range Officer Prior to use.
- All non-reactive steel plate targets to be set at a forward sloping angle of 15 Deg from the vertical to reduce the possibility of ricochets.
- Shrouds may need to be used on ranges where steel targets are placed more than 1 metre from the backstop/bullet catcher.

13. Moving Targets.

- For moving targets at ranges of 25 metres or closer, left and right arcs are to be indicated by brightly painted posts. Firing outside of these arcs is strictly prohibited.

14. Minimum Safe Engagement Distances.

- The MINIMUM distance permitted for engaging a steel target is as listed in approved competition rules and the PNZ Steel target safe use guide:
 - 7 metres IPSC Handgun.
 - 7 metres IPSC Pistol Carbine.
 - 50 metres IPSC Rifle.
 - 10 metres IPSC Shotgun (Birdshot & Buckshot)
 - 40 metres IPSC Shotgun (Lead solids slugs).
 - 5 metres IPSC Mini Rifle.
 - 5 metres CAS Pistol.
 - 7 metres CAS Shotgun.
 - 10 metres CAS Rifle.
 - 10 metres NRA pistol.
- Under no circumstances are shotguns using steel shot to be used on steel plate targets.

15. Approved Range Users and Priority of Use:

- The following is the order of priority for the use of the Rifle Rod & Gun Club ranges and facilities. No other individual may use the range unless they are fully authorised members of one of the associations listed below.
 - [a] Rifle Rod & Gun Club (Manawatu) Inc members.
 - [b] Members of the PNZ
 - [b] Invited members of other shooting organisations.
 - [c] Other users as approved by the Rifle Rod & Gun Club Committee.
- The range is not to be allocated for use by non members or non-affiliated organisations without the express authority of the President or Vice President of the Rifle Rod & Gun Club Inc.

16. Red Range Flags - Warning Signs

- ✧ Red range flags **MUST** be positioned at the following points and are to be hoisted prior to commencement of any live firing:
 - [a] Main Gate entrance NZTM Grid Reference E1825709. N5523296.
 - [b] Firing line end of concrete wall on Range 6a & 6b when these ranges are in use. NZTM Grid Reference E1825780 N5523167.

17. Range Safety Appointments:

- ✧ The following person will be required at any organised live shoot:
 - [a] Qualified Officer on Duty / Range Officer
 - [b] Any other Safety Officer as may be necessary or as required by Match Rules

18. Cone of Fire (Coff). Pistol & Rifle.

CONE OF FIRE: Handgun and IPSC Shotgun: 1.3 degrees (Horizontal and Vertical)		
Distance (Metres)	Radius (Metres)	Diameter (Metres)
15	0.34	0.68
25	0.56	1.13
30	0.68	1.36
50	1.134	2.268
CONE OF FIRE: Rifle Under 8mm: 1.125 degrees (Horizontal and Vertical)- STANDING		
Distance (Metres)	Radius (Metres)	Diameter (Metres)
20	0.39	0.79
25	0.49	0.98
30	0.59	1.18
50	1.483	2.966
100	2.966	5.933

19. Inability of the Shooter to Achieve the Coff.

- If for any reason any shots fired fall outside the Cone of Fire the following procedure is to occur.
- The Officer on Duty/Range Officer is to:
 - [a] Halt all firing and identify the shooter responsible.
 - [b] Observe that shooter's next shot and if it falls within the Cone of Fire allow that shooter to continue shooting.
 - [c] If the observed shot does not fall within the Cone of Fire, the shooter is to be provided with a suitable coach with the intention of bringing the next round within the Cone of Fire.
 - [d] Shooters who are unable to achieve the Cone of Fire are to be prevented from further firing. Shooters prevented from firing in this way may resume firing following the completion of a club approved training program with the firearm.

20. Unlicensed or Inexperienced Shooters and Test Firing.

- Unlicensed/inexperienced shooters must be managed one to one by a member.
- They are to be shown the safety aspects of using a firearm, initially with an unloaded firearm.

21. Specific Safety Rules for the use of the range / range complex:

- The safety rules for individual shooting disciplines are to be complied with in conjunction with these RSO's. Where individual safety rules may contradict these RSO's, the RSO's are to take precedence. Club executives are to seek a satisfactory and safe resolution to eliminate this situation and where necessary amend the RSO's

THE FOLLOWING SAFETY RULES ARE EMPHASISED.

- When a Range is in use it shall at all times be under the control of an Officer on Duty / Range officer, whose authority is absolute and all persons on the Range shall act under their direction.
- The Officer on Duty / Range Officer shall be responsible for the observance of these rules and for the reporting of any breach to the Club Committee without delay.
- Firearms are not to be handled unless under the control of an Officer on Duty/Range Officer or in an approved and designated Safety Zone.
- No pistol shooting shall take place on the range except under the control of an Officer on Duty / Range Officer holding the appropriate Range Officer qualification.
- Loaded firearms must be pointed down-range at all times.
- Do not leave firearms unattended at any time.
- Firearms that are not your own are not to be touched without owner's consent.
- Firearms are not to be loaded unless under the direct control of an Officer on Duty / Range Officer or Match Official.
- Firearms are not to be handled while people are forward of the firing line.
- Pistols are not to be placed loaded in a holster unless the shooter is holster qualified and then only under the direction of a qualified Officer on Duty / Range Officer or approved Match Official.
- No firearm may be removed from the firing point until it has been checked and verified by the Officer on Duty / Range Officer or other approved Match Official as being clear.
- When shooting pistols **All** new members or members without a "B" endorsement on their firearms licence must be under the direct (one on one) supervision of a member with a "B" endorsement on their firearms licence.
- Pistols must be cased or holstered with rifles and Shotguns either covered or with a chamber flag in place, not carried in the hand, at all times when moving about the range, unless under the control of an Officer on Duty / Range Officer or other match official as part of an approved IPSC or CAS match.
- Where a Safety zone has been declared, firearms may be cleaned, repaired or tested by cycling or dry firing **ONLY** in such zone. Ammunition or anything resembling ammunition including dummy or drill rounds is **NOT PERMITTED TO BE HANDLED** in any Safety zone **UNDER ANY CIRCUMSTANCES**.

22. Prohibited Ammunition:

- The following ammunition must **NOT** be used on any range administered by the Rifle Rod & Gun Club Inc.
 - [a] Tracer Ammunition
 - [b] Incendiary Ammunition
 - [c] Armour Piercing Ammunition
 - [d] Explosive ammunition (all types)
 - [e] Air pistols pellets containing steel / copper / tungsten inserts.
 - [f] Steel shot of all sizes in shotguns on steel targets.
 - [g] Shotgun solids / slugs on steel targets
 - [h] Any Ammunition using a sabot

23. Air Danger Height. N/A

24. Eye and Hearing Protection.

- All members and visitors to the club are to wear eye and hearing protection at all times, while the range is in use, with the exception of within the clubhouse and carpark.

25. Accident / Incident Procedures:

- **Accidents not involving a Firearm:** The following procedure is to occur:
 - [a] Cease Firing
 - [b] Ensure the scene/situation is safe for all participants.
 - [c] Render immediate first aid and assess the need for evacuation of the casualty to the nearest medical facility or onsite recovery by emergency services.
 - [d] Notify the club President or Secretary.

Accidents involving a firearm: The following procedure is to occur:

- [a] Cease Firing.
- [b] Ensure the scene/situation is safe for all participants.
- [c] Render immediate first aid and assess the need for evacuation of the casualty to the nearest medical facility or onsite recovery by emergency services.
- [d] Make no attempt to remove or strip the firearm
- [e] Notify the Police.
- [f] Notify the Club President or Secretary.
- [g] Advise Executive Officer Pistol New Zealand.

26. Medical:

- A First Aid cabinet is located on each range and in the clubrooms.
- **In a Medical Emergency Dial 111 and ask for Ambulance**
- **Address: 333 Turitea Road, Palmerston North**
- Should this be necessary, ensure that a club member is at the range entrance to meet the Ambulance and direct them down to the site. Ensure that any cars parked in the driveway are moved

27. Fire Precautions and procedures:

- A fire permit if required must be obtained from the local authority before any fire is contemplated.
- All precautions are to be taken to reduce the possibility of fire in buildings and the surrounding grounds.
- All reasonable precautions are to be taken against fire and all fires are to be extinguished as quickly as possible.
- Whilst smoking by individual members is not encouraged, members that do smoke have a responsibility to dispose of cigarette in a manner that reduces the possibility of them remaining a fire hazard.
- **In the case of fire Dial 111 and ask for Fire Brigade Assistance.**
- **Address: 333 Turitea Road, Palmerston North.**
- Should this be necessary, ensure that a club member is at the range entrance to meet the Fire engine and direct them down the driveway. Ensure that any cars parked in the driveway are moved.

28. Range Maintenance Plan.

- The club is required to have a maintenance plan and schedule of work to be done.
- The Bullet catchers, backstops, side berms and side backstops are to be kept to a minimum angle of 30 degrees.
- All unused targets and props are to be taken off the range when not in use.
- Any range structure that falls below the minimum standard must be repaired immediately or the range must be closed until repaired

29. Range Clearance:

- All users are to ensure that all range rubbish, including used targets, ammunition boxes, fired cases and shotgun wads etc., are removed from the range and disposed of in an appropriate manner. stored in the appropriate place.
- All unwanted brass is to be placed in the bins provided.
- **Rubbish is not to be left on the range as it can easily become a fire hazard**

30. Unauthorised Use of the Range Complex

- Any Individual or organisation given use of the Range Complex will have been provided with written authority from the Club.
- Any individual or Organisation unable to provide this approval as proof of authority must be asked to leave the property immediately.
- Any refusal to leave should be reported to the Police as soon as possible.

31. Domestic Animals

- Domestic animals only permitted on the range with the approval of the duty range officer and must always remain on a leash.

32. Children (Minors)

- All children are to be under the direct supervision of an adult at all times.

33. Health and Hygiene.

- After shooting, wash hands before eating or drinking.

34. Amendment to RSOs.

- Any proposed change to these RSO's must in the first instance be discussed with the PNZ Range Development Committee and NZ Police and if any change(s) are to be made, a copy of the amended version of the Range Standing Orders must be supplied to the PNZ Administration Officer and NZ Police.
- The Club must send an authorised updated copy to Police to be placed on file for the Club records.
- If there is significant change in conditions outside of the original certification, Police may review and issue an Improvement Notice which may require a renewal of certification depending on the change.
- Orders once reviewed and approved by NZ Police, the updated RSO's shall be displayed on the Club Notice board and forwarded to all users named on the distribution list.

35. Authorisation Of RSOs.

These RSOs are authorised by the club president of the Rifle Rod & Gun Club (Manawatu) Inc.

President
Rifle Rod & Gun Club (Manawatu) Inc.

Date: 19 / 6 / 2022

Vice-President:.....
Rifle Rod & Gun Club (Manawatu) Inc.

Date: 19 / 6 / 2022

DISTRIBUTION LIST:

- All Rifle Rod & Gun Club (Manawatu) Inc Members.
- Club Notice Board. (Main Club Rooms)
- NZ Police.
- Pistol NZ Range Certification File.
- All range user Groups