



RANGE STANDING ORDERS

Date: 25 September 2018

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 Whangarei Pistol 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] This document has been raised pursuant to the requirements of Range Approval as vested in the Commissioner of Police and delegated by him to appointed Range Inspecting Officers of Pistol NZ.
- [b] These orders are applicable to **ALL PERSONS** who enter the property administered by the Whangarei Pistol Club Inc. These orders are to be promulgated to all Pistol Club members and all other user organisations. A Copy of these orders are to be permanently displayed on the club notice board.

2. General:

- The Whangarei Pistol Club Management Committee is responsible for the control of the Whangarei Pistol Club Range complex. All users of the ranges are to read these Orders.

4. Responsibility:

- The Committee of the Whangarei Pistol Club is responsible for the Administration, Allocation, and ongoing maintenance of all the Club Ranges.

5. Location:

- The range complex is located at Grid Reference. Topo50 – AX30 Whangarei.
 - NZTM Reference: E1717559 N6045123
 - NZGD2000 Ref: E174 17.995 S35 43.852

6. Range Safety:

- [a] Safety on the range is the responsibility of all range users.
- [b] The Range Officer is responsible for ensuring that the range is safe prior to use.
 - 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 and spectators.

7. Range Layout and Template:

- The complex has **Six (6)** ranges.
 - **Range 1. 10 metre Indoor Airgun, No danger area range.**
 - **Range 2. 50 metre Pistol Outdoor, Multidiscipline, No danger area range.**
 - **Range 3. 35 metre Pistol Outdoor, Barricade, No danger area range.**
 - **Range 4. 25 metre Pistol Outdoor, ISSF and Falling Plate, No danger area range.**
 - **Range 5. 35 metre Pistol Outdoor, Mover, No danger area range.**
 - **Range 6. 50 metre Pistol Outdoor, Multidiscipline, No danger area range.**

Ranges are for down range shooting only.

Range six only can be shot off to the right forward of the 50 metre firing line.

8. Restrictions:

- The ranges are restricted to the firing of the following firearms:
 - **Range one**
 - [a] Air pistols and Air Rifles only.
 - [b] Lead projectiles up to .177 only.
 - **Range Two**
 - [a] Pistols up to and including .45 Calibre
 - [b] Rifles up to and including .45LC. (Pistol Calibres Only)
 - [c] Shotguns up to and including 12 gauge
 - **Range Three**
 - [a] Pistols up to and including .45 Calibre
 - [b] Rifles up to and including .45LC. (Pistol Calibres Only)
 - **Range Four**
 - [a] Pistols up to and including .45 Calibre
 - [b] Rifles up to and including .45LC. (Pistol Calibres Only).
 - **Range Five**
 - [a] Pistols up to and including .45 Calibre
 - [b] Rifles up to and including .45LC. (Pistol Calibres Only)
 - **Range Six**
 - [a] Pistols up to and including .45 Calibre
 - [b] Rifles up to and including .45LC. (Pistol Calibres Only)
 - [c] Police issue rifles up to and including 7.62mm (**Police arms training only**). **See Annex A.**
 - [d] Shotguns up to and including 12 gauge
 - **Targets**
 - [a] All approved Pistol NZ targets may be used.
 - [b] Standard height for soft targets is 1.2 metre centres off the floor of the range.
 - [c] All targets should be placed close to the bullet catcher (Or moveable bullet catchers are to be used).
 - [d] Steel targets should be placed within a metre of the bullet catcher or berm.
 - [e] All non-reactive steel plate targets to be set at a forward sloping angle of 15 Degree from the vertical to reduce the possibility of ricochets or shrouds may be required.
 - [f] All steel targets to be engaged at a minimum distance of 7 metres (50 metres for centre-fire rifle). (see 17. steel plate targets for safety distances).

IMPORTANT NOTE:

All range users are to ensure that in the interests of safety, targets are placed as close as possible to the approved backstop in an effort to reduce the possibility of ricochets.

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 these ranges at any time.

9. Priority of Use:

- ✘ The following is the order of priority for the use of the Whangarei Pistol Club ranges and no other individual may use the range unless they are fully authorised members of one of the associations listed below.
 - [a] Whangarei Pistol Club Inc.
 - [b] Members of Pistol NZ (PNZ).
 - [c] Members of the NZ Police for firearms training
 - [d] Other users as approved by the Whangarei Pistol 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 of the Whangarei Pistol Club Inc.

10. Red Range Flags - Warning Signs

- ✘ Red range flag **MUST** be positioned at the following point and is to be hoisted prior to commencement of any live firing:
 - [a] Red flag at entrance to car park area NZTM reference E1717559
 - [b] Signs on the Gate and Driveway.

11. Appointments:

- ✘ The following person will be required at any live shoot:
 - [a] Qualified Range Officer
 - [b] Any other Safety Officer as may be necessary or required by match rules.

12. Safety Rules:

THE FOLLOWING SAFETY RULES ARE EMPHASISED.

- ✘ When a Range is in use it shall at all times be under the control of a Range officer, whose authority is absolute and all persons on the Range shall act under his or her direction.
- ✘ The 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 a Range Officer or in an approved and designated Safety Zone.
- ✘ No pistol shooting shall take place on the range except under the control of a 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 owners consent.
- ✘ Firearms are not to be loaded unless under the direct control of a Range Officer.
- ✘ 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 Range Officer.
- ✘ No firearm may be removed from the firing point until it has been checked and verified by the Range Officer as being clear.
- ✘ 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 covered, not carried in the hand, at all times when moving about the range, unless under the control of a Range Officer except as part of an action 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**.

13. Application of Range Instructions

- ✘ All users of the Whangarei Pistol Club 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

14. Individual Discipline Safety Rules

- ✘ Individual safety rules for each discipline are to be complied with in conjunction with existing rules for the operation of the ranges of the Whangarei Pistol Club Inc.

15. Ammunition Restrictions

- ✘ The following ammunition must **NOT** be used on any range administered by the Whangarei Pistol Club Inc. as certified by Pistol New Zealand.
 - [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 on steel targets.

16. Inability to Contain Shots within Cone of Fire.

- ✘ If for any reason any shots fired fall outside the Cone of Fire the following procedure is to occur.
The Range Officer is to:
 - [a] Halt all firing and identify the shooter responsible.
 - [b] Observe that shooters next shot and if it falls within the Cone of Fire allow that shooter to continue firing.
 - [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 spread of the next five shots to within the Cone of Fire.
 - [d] Shooters who are unable to achieve the Cone of Fire within the five shots 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.

16.1 Cone of Fire Pistol:

- The Pistol Cone of Fire for this range is 1.3 degrees, (23mils).
- At 20 metres 454mm radius (907mm dia).
- At 25 metres 567mm radius (1134mm dia).
- At 35 metres 794mm radius (1588mm dia).
- At 50 metres 1134mm radius (2268mm dia).

16.2 Cone of Fire Rifle:

- The Rifle Cone of Fire is 1.125 degrees, (20mils)
- At 20 metres 393mm radius (785mm dia).
- At 25 metres 491 mm radius (981mm dia)
- At 35 metres 687 mm radius (1374 mm dia)
- At 50 metres 981mm radius (1963mm dia).

16.3 NZ Police cone of fire:

Cone of fire for Glock model 17 pistol 9mm at 15 meters is: Elevation 450mm
Deflection 1300mm
Sideways+or1500mm

Cone of fire for the Bushmaster M4 rifle .223mm at 25 Meters is: Elevation 950mm
Deflection 950mm
Sideways + or – 1500mm

Cone of fire for the Bushmaster M4 rifle .223mm at 50 Meters is: Elevation 1200mm
Deflection 1200mm
Sideways + or – 1500mm

17. Steel Plate Targets.

- ✘ ONLY Approved steel plate targets may be used on the Whangarei Pistol Club Ranges.
- ✘ All steel targets to be approved by the Club safety Officer prior to use.
- ✘ The MINIMUM distance permitted for engaging a steel target is:
 - ✘ 7 metres IPSC Handgun.
 - ✘ 10 metres for IPSC shotgun.
 - ✘ 50 metres for Centre fire rifle.
 - ✘ 5 metres for CAS pistol.
 - ✘ 8 metres for CAS shotgun.
 - ✘ 12 metres for CAS Rifle (Pistol Calibre).
- ✘ All non-reactive steel plate targets to be set at a forward sloping angle of 15 Degrees 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/berm or bullet catcher.

19. Accident Procedures:

- ✘ Following an accident the following procedure is to be followed:
 - [a] Cease Firing
 - [b] Render first aid or evacuate the injured to the nearest medical facility.
 - [c] Advise the club President or Vice President

Accidents involving a firearm

- [a] Cease Firing
- [b] Render first aid or evacuate the injured to the nearest medical facility.
- [d] Make no attempt to remove or strip the firearm
- [e] Advise the Police.
- [f] Advise the Club President or Vice President.
- [g] Advise Executive Officer Pistol New Zealand.

NOTE

It is important that all users are aware of sect-20 Accident procedures and fully comply with this procedure in the case of any accident involving a firearm.

20. Medical:

- ✘ First Aid facilities are available in the club rooms.
- ✘ **In a Medical Emergency Dial 111 and ask Ambulance Assistance.**
- ✘ **Note: Whangarei Hospital is across the road (opposite the driveway).**

21. Fire Precautions:

- ✘ A fire permit 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.
- ✘ **In the case of fire Dial 111 and ask for Fire Brigade Assistance.**
- ✘ All reasonable precautions are to be taken against fire and all fires are to be extinguished as quickly as possible.

22. Range Clearance:

- ✘ All users are to ensure that all range rubbish, including used targets, ammunition boxes cases and shotgun wads etc., are removed from the range and placed in the main rubbish bin.
- ✘ **Rubbish is not to be left on the range as can easily become a fire hazard.**

23. 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.

24. Domestic Animals

- ✘ Domestic animals only be permitted on the range with the approval of the duty range officer and must remain on a leash at all times.

25. Children

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

26. Eye and Hearing Protection.

- ✘ **All** members and visitors to the club are to wear eye and hearing protection at all times except when within the confines of the clubhouse or carpark.

27. Air Danger Height.

- ✘ An air danger height of 300 Metres applies to the Whangarei Pistol Club range complex.
- ✘ If aircraft are seen to be approaching the club in a manner that may see them fly over the club property whilst live firing is in progress, the **DUTY RANGE OFFICER** must immediately call for a stop to all shooting until the aircraft clears the area.

28. Amendments.

- ✧ Any amendments made and approved by the Whangarei Pistol Club committee to these Range Standing Orders once approved by Pistol NZ Range Development Committee shall be promulgated on the Club Notice board and forwarded to all users named on the distribution list.

President

Whangarei Pistol Club Inc. Date: August 2018

DISTRIBUTION LIST:

1. All Whangarei Pistol Club Members.
2. Club Notice Board. (Main Club Rooms)
3. NZ Police.
4. Pistol NZ Range Certification File.
5. All range user Groups.

Annex A.

For NZ Police use:

Range 6: 50-metre Range.

- ✓ Service Issue Glock Model 17 Pistols – 9mm.
- ✓ Service Issue M4A3 Rifles 5.56 Cal (223 Rem)
- ✓ Others as per Range Standing Orders (Firearm Limitations).
- ✓ Ammunition as per Range Standing Orders (Ammunition Limitations)

Targets: Service approved paper targets only (FIR 180) at a height of 1.2-metre “centre mass”, minimum distance apart, 1-metre centres.

Note:

The No Danger Area (RDA) status of the ranges relies solely on the management of the specifically designed police Cone of Fire. (CofF).

Ammunition Limitations:

Only the ammunition listed below can be used on the range.

- a) **During Live Firing.** Only the following ammunition may be used:
- i) 9mm Luger ammunition (approved types only).
 - ii) 223 REM (5.56mm) ammunition (approved types only).
 - iii) Drill, 9mm / .223.
 - iv) 308 (7.62mm) approved types only and used as authorised by **Range Conduct Officer** (RCO).
 - v) 40mm Practice and 40mm Smokeless Sponge rounds. The firer is to be aware of potential 'backsplash' when firing 40mm Practice rounds at close range.

- b) **During Scenarios.** Only the following ammunition may be used:
- i) 9mm Close Quarter Training (CQT). ii) 9mm Simmunition FX.
- iii) 9mm / .223 Blank ammunition (approved types only).
- c) **During Operator Assessment Training.** Only the following ammunition may be used:
- i) 9mm / .223 Drill ammunition (approved types only)
- ii) 9mm Luger ammunition (approved types only).
- iii) 223 REM (5.56mm) ammunition (approved types only).

Firearms Limitations:

Only the Police-issue firearms listed below and capable of firing the ammunition listed above can be used on the range during training.

Serial	Firearms	Activity		
		Live Firing	Operator Assessment	Scenario
1	Glock 17 (Operational)	✓	✓	
2	Glock 17 (Training)		✓	
3	Glock 17 (FX)		✓	✓
4	M4 (Operational)	✓	✓	
5	M4 (Training)		✓	
6	M4 (FX)		✓	✓
7	LMT .308 Marksman Rifle	✓	✓	
8	40mm Grenade Launcher	✓	(Inert Less Lethal Rounds Only)	

At the discretion of the **Range Conduct Officer (RCO)**, other Police-authorised firearms may be used on the Whangarei Pistol Club Range for the purposes of research and development. However, these firearms must not exceed the limitations of the range under the terms of the appropriate Cone of Fire, (CofF).

Firearm Considerations:

Zeroing

All fire arms must be checked to ensure that all sighting systems are fitted correctly and undamaged. The Firearm is confirmed as being zeroed prior to being used on the range.

Methods of Carriage During Firing Practice:

a) Pistol:

i) Forward or rearward movement

The pistol is to be **pointed towards** the bullet catch (*Ready Position*) while any forward or rearward movement takes place. The firers, SC / SO, and Range Conduct Officer (RCO) are responsible for the firing line remaining straight. If any firer moves forward or to the rear of the firing line, all movement is to be stopped immediately and the line straightened.

ii) “SUL” Position

The pistol may be carried in the SUL position during authorized courses of fire and tactical shooting serials. Portuguese for south referring to the muzzle of the GLOCK pointing south i.e. the GLOCK held in a position with the firearm resting on the back of the non-master hand and muzzle pointing between the officers feet used as passive position on cordon or controlling muzzle direction in close proximity of others i.e. stacked behind another officer.

It is

recommended that staff are revised and rehearsed in adopting the SUL position before live firing takes place.

iii) Ready Position

The pistol is held with both hands at the centre of the chest at approximately sternum height pointed towards the bullet catch; elbows tucked in with the weapon ready to be “punched” up into the aim.

Note. From a compressed ready position and as the arm extends forward each stage of extension is also considered ‘ready’ position.

iv) End of a Live Firing Course of Fire. The pistol is to be holstered and the range cleared by the Range Conduct Officer (RCO) before firers are allowed to move off the firing line.

b) **Rifle:**

1) **During a Live Firing Course of Fire.** When moving with a rifle, the rifle must be carried safely at all times, while maintaining a “Safe Direction”, safety catch applied with finger off the trigger until ready to fire as directed by the Range Conduct Officer (RCO).

i) **Ready Position**

Rifle in the “Action State”, muzzle held at approximately 45degree angle pointing forward towards intended target. Safety select lever on “Safe”, finger outside trigger guard. Whenever this position is adopted the SCs / SOs under the direction of the Range Conduct Officer (RCO) are to ensure the Safety select lever on “Safe”, finger outside trigger guard.

ii) **SUL Position**

The rifle may be carried in the “SUL” position during authorized courses of fire and tactical shooting serials. It is recommended that firers are revised and rehearsed in adopting the SUL position before live firing takes place.

2) **End of a Live Firing Course of Fire**

The safety catch is to be applied and the rifle is to be unloaded, cleared and secured as directed by the Range Conduct Officer (RCO) before firers are allowed to move forward of the firing line or can be released from the firing detail.

NZ Police cone of fire:

Cone of fire for Glock model 17 pistol 9mm at 15 meters is:	Elevation 450mm Deflection 1300mm Sideways+or1500mm
Cone of fire for the Bushmaster M4 rifle .223mm at 25 Meters is:	Elevation 950mm Deflection 950mm Sideways + or – 1500mm
Cone of fire for the Bushmaster M4 rifle .223mm at 50 Meters is:	Elevation 1200mm Deflection 1200mm Sideways + or – 1500mm