



## RANGE STANDING ORDERS

**Range Name: Hutt Valley New Zealand Deerstalkers Association**

**DATE: 11/08/2020**

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 Hutt Valley NZDA 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 Hutt Valley NZDA. These orders are to be promulgated to all Hutt Valley NZDA, Kaitoke Pistol Club and associated 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 Committee of the Hutt Valley NZDA are responsible for the control of the Hutt Valley NZDA Range complex. All users of the ranges are to read these Orders.

### **3. Responsibility:**

- The Committee of the Hutt Valley NZDA are responsible for the Administration, Allocation, and ongoing maintenance of the overall complex and Range 1.
- The Kaitoke Pistol Club is responsible for the Administration, Allocation and ongoing maintenance of Range 2.

### **4. Location:**

- The range complex is located at Topo 50 Map No BP33
  - NZTM Reference: E1783590                      N5448974
  - Address: Remutaka Incline, Remutaka Summit Road, State Highway 2, Upper Hutt.

### **5. 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 any 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. Correct hearing & eye protection is used by all range users and spectators.

## **6. Range Template and Layout:**

- The complex has Two (2) ranges.
  - **Range 1. 200 metre Outdoor Reduced Danger Area Range.**
  - **Range 2. 25 metre Outdoor No Danger Area Range.**

On Ranges with earth berms, live fire may be directed into either the left or right side berms as long as the direction of fire is kept within the CofF out to a maximum of 10 metres. The berm must be at a height of 2.5 metres or more. Target placement must be carefully considered with target centre height being no greater than 500mm.

## **7. Restrictions:**

- The ranges are restricted to the firing of the following firearms:
  - **Range One**
    - [a] Pistols up to and including .50 Calibre
    - [b] Rifles up to and including any Calibre with a muzzle energy rating of 7500 Joules (approx.. 5532 ft-lbs) maximum (ft-lbs = projectile weight (grs) x velocity (FPS))
    - [c] Lever Action Rifles up to and including .45 Calibre
    - [d] Shotguns up to and including 12 gauge.
  - **Range Two**
    - [a] Pistols up to and including .50 Calibre
    - [b] Rifles up to and including .223 / 5.56mm Calibre
    - [c] Rifles including .300 AAC and 7.62mm x 39mm Calibres
    - [d] Lever Action Rifles (Pistol Calibre only) up to and including .45 Calibre
    - [e] Shotguns up to and including 12 gauge.
- **Targets**
  - All approved Pistol NZ targets may be used.
  - All approved NZ Deer Stalkers targets may be used on Range 1 for Rifle shooting
  - Standard height for soft targets is 1.2 metre centres off the floor of the range.

All targets should be placed close to the bullet catcher. Or moveable bullet catchers are to be used

**On Range 1 - No one is to advance beyond the Red Line marked on the shelter floor, benches and mound borders until ALL FIRING HAS CEASED.**

**When firing from the uncovered Firing Line in front of the covered area the area behind is closed for firing.**

### **IMPORTANT NOTE:**

**All range users are to ensure that in the interests of safety, targets are placed as close as possible to the approved bullet catcher 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.**

## **8. Priority of Use:**

- ⌘ The following is the order of priority for the use of the Hutt Valley NZDA Range 1 and no other individual may use the range unless they are fully authorised members of one of the associations listed below.
  - [a] Hutt Valley New Zealand Deerstalkers Association.

- [b] Kaitoke Pistol Club Inc and invited Members of Pistol NZ (PNZ).
  - [c] NZ Antique Arms Association – Wellington Branch
  - [d] Wellington Service Rifle Association
  - [e] Members of the NZ Police for firearms training with committee approval.
  - [f] Other users as approved by the Hutt Valley NZDA Committee.
- ✘ The range is not to be allocated for use by non-members or non-affiliated organisations without the express authority of the Committee of the Hutt Valley NZDA.
  - ✘ The following is the order of priority for the use of the Hutt Valley NZDA Range 2 and no other individual may use the range unless they are fully authorised members of one of the associations listed below.
    - [a] Kaitoke Pistol Club
    - [b] Members of the NZ Police for firearms training with committee approval.
    - [c] Other users as approved by the Kaitoke 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 Kaitoke Pistol Club Committee.

## **9. Red Range Flags - Warning Signs**

- ✘ The range flagpole is positioned at the following grid reference and the red range flag **MUST** be hoisted prior to commencement of any live firing: (**Minimum flag dimensions 1200 x 600mm**)
  - [a] Main flag Pole. NZTM Grid Reference *E1783589 N5448988*.
  - [b] Warning signs are to be placed at the:
    - [1] Access road to the range,
    - [2] Forestry Road surrounding the range.

## **10. 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.

## **11. 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 the 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 pistol club 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 or with a chamber flag inserted, 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 this zone. Ammunition or anything resembling ammunition including dummy or drill rounds is **NOT PERMITTED TO BE HANDLED** in any Safety zone **UNDER ANY CIRCUMSTANCES**.

## **12. Application of Range Instructions**

- ⌘ All users of the Hutt Valley New Zealand Deerstalkers Association's Range complex 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.

## **13. Moving Targets**

- ⌘ For moving targets at ranges of 25 metres or closer, left and right arcs are to be positioned to ensure that all firing will be contained within the bullet catcher, the arcs are to be indicated by brightly painted posts. Firing outside of these arcs is strictly prohibited.

## **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 Hutt Valley New Zealand Deerstalkers Association.

## **15. Ammunition Restrictions**

- ⌘ The following ammunition must **NOT** be used on any range administered by Hutt Valley New Zealand Deerstalkers Association as certified by Pistol NZ.
  - [a] Tracer Ammunition.
  - [b] Incendiary Ammunition.
  - [c] Armour Piercing Ammunition.
  - [d] Explosive ammunition.
  - [e] Air pistols pellets containing steel / copper / tungsten inserts.
  - [f] Steel shot on steel targets.
  - [g] Any ammunition using a sabot. (excludes shotgun cartridges)

## **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.

<b>CONE OF FIRE : Handgun and IPSC Shotgun: 1.3 degrees (Horizontal and Vertical)</b>		
<b>Distance (Metres)</b>	<b>Radius (Metres)</b>	<b>Diameter (Metres)</b>
15	0.34	0.68
25	0.56	1.13
50	1.13	2.26
75	1.70	3.40
100	2.26	4.53
<b>CONE OF FIRE : Rifle Under 8mm::1.125 degrees (Horizontal and Vertical)- STANDING</b>		
<b>Distance (Metres)</b>	<b>Radius (Metres)</b>	<b>Diameter (Metres)</b>
20	0.409	0.79
25	0.45	0.99
35	0.69	1.38
50	0.98	1.96
100	1.96	3.92
200	3.92	7.85

### **17. Steel Plate Targets.**

- ✘ ONLY Approved steel plate targets may be used on the Hutt Valley NZDA 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.
  - ✘ 8 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 are 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/bullet catcher.

### **18. New Target Systems**

- ✘ Only targets approved by the Hutt Valley NZDA committee and Pistol NZ are permitted to be used on club ranges.
- ✘ Targets involving steel or material other than soft targets, may be used on a specified range or ranges as approved by the committee.
- ✘ The Range Officer officiating ensures that the target system is set so that no projectiles can escape the approved Hutt Valley NZDA Reduced Danger Area template, No Danger Area template or the approved cone of fire for the target or targets.

### **19. Medical:**

- ✘ First Aid facilities are available in the target storage shed.
- ✘ **In a Medical Emergency Dial 111 and ask for Ambulance Assistance.**
- ✘ **address. Remutaka Incline, Kaitoke Summit Road, State Highway 2**

### **20. Accident Procedures:**

- ✘ Following an accident not involving a firearm the following procedure is to be followed:
  - [a] Cease Firing
  - [b] Render first aid and/or evacuate the injured person to the nearest medical facility.
  - [c] Advise the club President or Vice President

#### **Accidents involving a firearm.**

- [a] Cease Firing
- [b] Render first aid and/or evacuate the injured person 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 NZDA/Pistol NZ.

#### **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.**

#### **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.**
- ✘ **address Remutaka Incline, Kaitoke Summit Road, State Highway 2**
- ✘ All reasonable precautions are to be taken against fire and all fires are to be extinguished as quickly as possible if safe to do so.

#### **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 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 appropriate personal protective equipment as required by their shooting discipline at all times with the exception of within the clubhouse and carpark.

#### **27. Air Danger Height.**

- ✘ An air danger height of 300 Metres applies to the Hutt Valley NZDA range complex.

- ⌘ If aircraft are seen to be approaching the club in a manner that may see them fly over the range danger area 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 Hutt Valley NZDA committee or Kaitoke Pistol Club to these Range Standing Orders must be submitted for approval to the Range Development Committee. Once approved they shall be promulgated on the Club Notice board and forwarded to all users named on the distribution list.

Range Inspecting Officer.  
Marcus Griffin

President Hutt Valley NZDA.  
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### **DISTRIBUTION LIST:**

1. All Hutt Valley New Zealand Deerstalkers Association Members.
2. Kaitoke Pistol Club Members.
3. NZ Antique Arms Association – Wellington Branch.
4. Wellington Service Rifle Club Members.
5. Club Notice Board.
6. Pistol NZ Range Certification File.
7. All range user Groups.
8. New Zealand Police/Arms Office.

# REDUCED DANGER AREA TEMPLATE

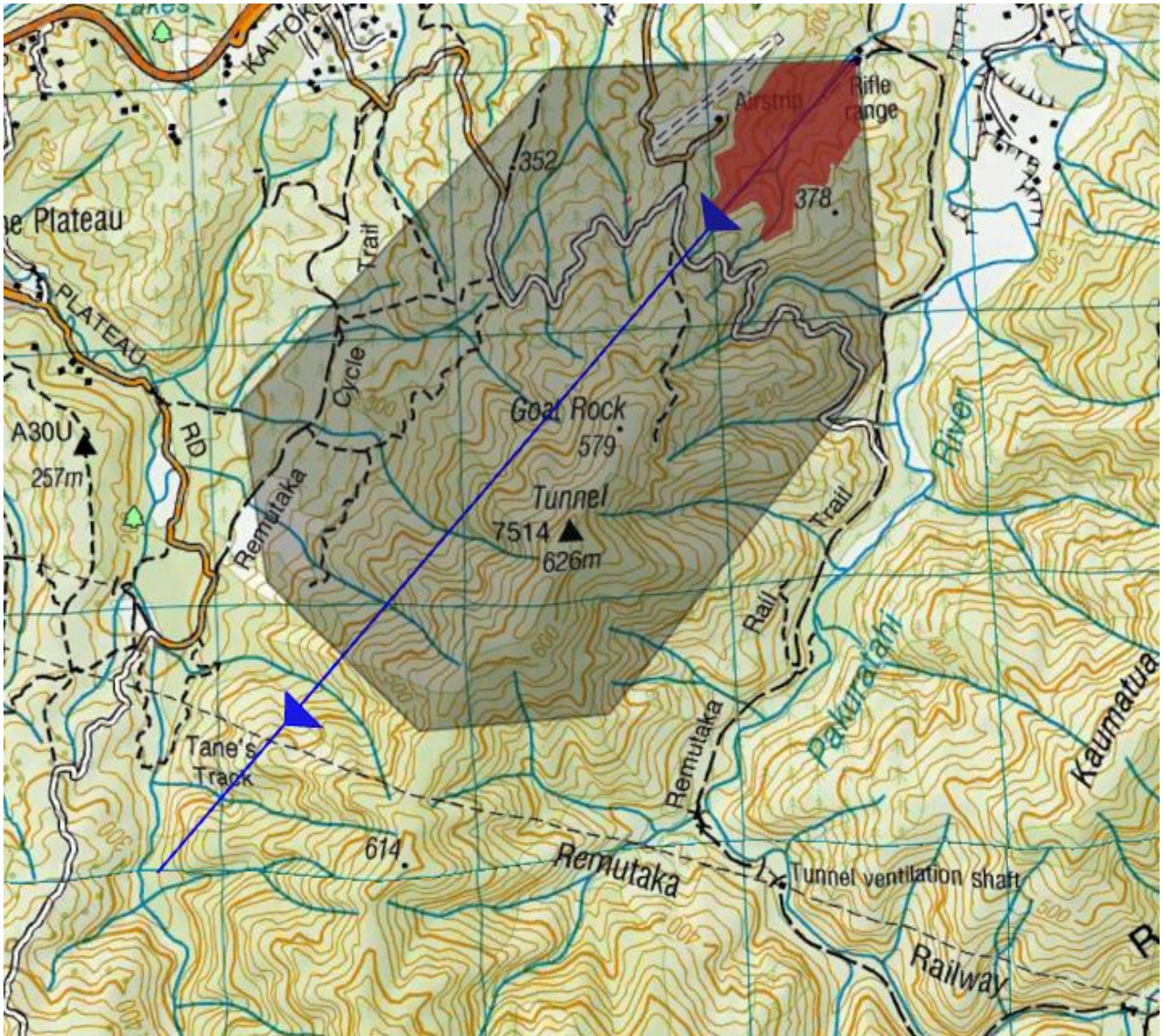


Figure 1 - Enlarged view of the full 7.62mm (QE<150mils CoF captured by ground, Hard Target) Danger Area Template with Reduced Danger Area contained by 330m contour shown in Red and Axis of Fire shown with Blue line