

# ***Murchison Community Rifle Range***

## ***Range Standing Orders***

|                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1 Shooting range/multi-range site (complex) name</b>                                                                                                                   |
| Murchison Community Rifle Range.                                                                                                                                          |
| <b>2 Names of individual ranges (if applicable)</b>                                                                                                                       |
| Range 1 - 200m Rifle Range.                                                                                                                                               |
| <b>3 RSOs date (date RSOs were authorised)</b>                                                                                                                            |
| 23 October 2024.                                                                                                                                                          |
| <b>4 Introduction</b>                                                                                                                                                     |
| <b>Information about the range</b>                                                                                                                                        |
| 4.1 The Murchison Community Rifle Range is a 200m range situated in a tight small gully with steep sloping sides with a 750-metre-high topographical feature to the rear. |
| <b>The legal title of the land on which the range is located, and any associated land affected by the range danger area (if different)</b>                                |
| 4.2 Part of Conservation Unit 01349 being part Section 7 Block I Tutaki SD.                                                                                               |
| <b>The name of the landowner(s) or controlling authority that approve the use of their land as a shooting range</b>                                                       |
| 4.3 Department of Conservation.                                                                                                                                           |
| <b>Hours of operation</b>                                                                                                                                                 |
| 4.4 Daylight hours only.                                                                                                                                                  |
| <b>5 Responsibility</b>                                                                                                                                                   |
| <b>Name of the SRO (who is responsible for the overall safe operation of the range)</b>                                                                                   |
| 5.1 The Nelson Branch of NZDA is the Shooting Range Operator (SRO).                                                                                                       |
| <b>The person in charge of the day-to-day administration, management, and maintenance of the range (if not the SRO)</b>                                                   |
| 5.2 The Committee for the Nelson Branch of NZDA is in charge of the day-to-day administration, management, and maintenance of the range.                                  |
| <b>6 Compliance with Range Standing Orders (RSOs)</b>                                                                                                                     |
| 6.1 All range users must read, understand and comply with these RSOs while the range is in use for all shooting activities.                                               |
| 6.2 The RSOs are available at the range shed by the flip up sign visible from the outside.                                                                                |

6.3 In the event a user breaches these RSOs, all firing must immediately cease. Where the breach is intentional, the user will be required to leave the range before activities proceed.

6.4 Where the breach is unintentional, verification that the user understands the correct procedures to be followed must be confirmed before activities continue.

6.5 Any individual who is in breach of these RSOs is to be reported to the SRO.

## 7 Range Location

7.1 120 Matakītaki West Bank Road, Murchison 7077.

### NZTM map sheet number and grid reference

7.2 NZTM BR23 E1543328; N5371102.

## 8 Approved range users and priority of use

8.1 NZDA Nelson Branch Members.

8.2 NZDA members.

8.3 Members of the community and wider public complying with RSOs.

8.4 Other groups as approved by the Range Committee.

## 9 Warning flags and danger signs

9.1 A Flip Flop danger sign indicates range in use at E1543344 N5371136

## 10 Description of individual ranges, restrictions, and conditions of use (in numerical order)

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Range 1 (Number or name):</b> | Range 1 – Murchison Community 200m Reduced Danger Area Rifle Range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Range description</b>         | <ul style="list-style-type: none"> <li>A 200m, community based, rifle range with a centre line of fire at 222 degrees grid, used for target shooting and sighting in activities.</li> <li>The Reduced Danger area for the range is cut off at the 600m contour line applying a T6 ADAT (see Annex B).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Restrictions</b>              | <ul style="list-style-type: none"> <li>Rifles up to and including 8mm with a muzzle energy no greater than 7500 Joules.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Conditions of use</b>         | <ol style="list-style-type: none"> <li>Only firearms and ammunition in a safe condition may be used.</li> <li>All projectiles must be captured by the bullet catcher behind the target line. All targets must be constructed to avoid ricochet and positioned so that projectiles do not ricochet off the range floor and compromise the safety template.</li> <li>All firing is to be down range directly in line with the shooters firing position.</li> <li>A shooter firing at the 50m 100m target lines must do so from the right-hand bench of the firing line.</li> <li><b>Prohibited Firearms, Magazines and Parts must not be brought on to the range for any purpose.</b></li> </ol> |

## 11 Range safety roles

11.1 An Officer on Duty (OD) / Range Officer (RO) must be on duty at all times whenever the range is in use.

11.2 The RO must hold a current firearms licence and be appropriately trained in shooting range safety management.

11.3 Safety officers may be appointed as required by the RO.

11.4 Individual shooters not shooting under the control of an RO must be RO qualified.

11.5 Any individual using the range (on their own) must comply with these RSOs and ensure the range is safe to use. Their firearm must be secured when they are down range.

## 12 Range safety rules

12.1 The following range safety rules are to be applied:

- All individuals are to fill out and sign the range register form with their relevant details and insert the form into the 'Post Box' provided at the 200m firing line. Signing the form confirms they have read and understood the RSOs and if shooting on their own, they are qualified as an Officer on Duty/Range Officer in accordance with Section 11. An individual is deemed appropriately trained in shooting range safety management having read, understood and will comply with the Duties and Responsibilities of the Officer on Duty/Range Officer which are displayed at the 200m firing line.
- No Firearm may be loaded unless the user is at the firing point and then only when under the orders of the RO.
- Firearms may only be loaded when pointed down the range.
- Actions will be open at all other times or checked as cleared.
- When persons need to advance in front of the firing line (e.g., to check targets etc.) all firearms will be unloaded and cleared by the RO.
- Persons advancing in front of the firing line must wear high visibility clothing to aid identification, e.g., Hat, vest or similar.
- No person may touch or adjust any firearm while persons are in advance of the firing line.
- The clearance to recommence firing must be given by the RO.
- No person should shift or handle another person's firearm unless directed by the RO.
- Firearms must be safely secured between events. Individual shooters not participating under the management of a RO will act as their own RO and must secure their firearms while they are down range.
- Only firearms in safe condition may be used.
- All firearms will be cleared prior to departure from the range.

12.2 Approved shooting activities are Target Shooting and Sighting in.

## 13 New firearm or ammunition use

13.1 Any new type of firearm and/or ammunition must be approved for use by the SRO. Before inclusion in the RSOs, the requirements of section 34 of these RSOs are to be adhered to.

13.2 Sporting or ball ammunition only may be used.

13.3 Use of incendiary or tracer ammunition is specifically prohibited.

## 14 Targets

14.1 Targets are to be of a non-ricochet material, e.g., paper or cardboard

14.2 Target are to be fixed to the provided target stands or placed in such a way that all projectiles impact in the bullet catcher. Targets must be constructed and sited to reduce or eliminate ricochets.

14.3 The target centre height is 1.0m to 1.4m – or placed in such a way that all projectiles impact into the bullet catcher.

14.4 If a new target/target system is proposed for use on the range, it must be approved for use by the SRO. Before inclusion in the RSOs, the requirements of section 34 of these orders are to be adhered to.

## 15 Steel targets

15.1 Steel or other targets made of ricochet inducing materials are strictly prohibited.

## 16 Moving targets

N/A.

## 17 Minimum safe engagement distances

17.1 Minimum safe engagement distances are obtained by the use of the fixed 200m firing line position only, and target stands at 50m, 100m, and the 200m target lines.

## 18 Eye and hearing protection

18.1 Hearing protection must be worn for any shooting activity.

Eye protection is at the discretion of the shooter, based on the ammunition in use.

## 19 Medical and emergency

19.1 First Aid facilities will be available on the range during NZDA events.

19.2 Cell phone service is available at the 200m firing line for contacting emergency services if required.

19.3 Contact 111 for ambulance. (Murchison Hospital 03 5231120)

## 20 Accident/incident procedure

**20.1 Accident not involving a firearm or ammunition:** In the event of an incident / accident that does not involve a firearm, the following is to occur:

- a. All shooting is to cease immediately.
- b. All firearms that are in use must be made safe / unloaded.
- c. Ensure that immediate first aid is provided and assess the need for evacuation of the casualty to the nearest medical facility or onsite recovery by emergency services.
- d. Notify the Nelson Branch of NZDA Ph: 027 2450 452 or 027 430 5008.
- e. Record details of the accident / incident details in the range incident record.

**20.2 Accidents involving a firearm or ammunition:** In the case of an incident / accident involving a firearm or ammunition that results in serious injury or death, the following is to occur:

- a. All shooting is to cease immediately.
- b. All firearms that are in use must be made safe / unloaded.
- c. Ensure that immediate first aid is provided and assess the need for evacuation of the casualty to the nearest medical facility or onsite recovery by emergency services.
- d. Seal off the area, secure but do not remove or strip the firearm involved in the incident, make a list of all participants present and remain present until cleared by NZ Police.
- e. Notify the Police (Murchison 03 5231170).
- f. Notify the Nelson Branch of NZDA Ph: 027 2450 452, 027 430 5008.
- g. Record details of the accident / incident details in the range incident record.
- h. The SRO must notify the National Executive Committee of any Notifiable Injury, Incident, Illness or Event.

**No media interviews are to be conducted. Refer all media to the NZ Police.**

## 21 Fire precautions and procedures

21.1 Stop firing and clear all firearms.

21.2 All reasonable precautions must be taken against fire and any fire quickly extinguished if safe to do so.

21.3 All persons proceed to the range safety sign; the RO is to ensure everyone is accounted for.

21.4 All fires are to be reported immediately: Call 111, Rural Fire Lookout 03 546 5613.

21.5 The following fire equipment shall be onsite during competition events:

Fire extinguisher (2kg dry powder), Fire back packs x 2, Shovels x 3.

21.6 From time to time as advised by Department of Conservation increased fire danger may result in the closing of the Range and associated activities. This will be communicated via email to members and no access to the range will be available until advised by the Department of Conservation

## **22 Range Clearance**

22.1 All targets, target stands (if applicable), rubbish, expended cartridges, are to be removed from the range.

22.2 All waste and litter are to be removed from the site.

22.3 Range Status Sign are to be set at 'Closed'.

22.4 Any damage or concern reported to: The Range Committee NZDA, P.O. Box 495, Nelson, or Phone 027 2450452, 027 430 5008.

## **23 Unauthorised access and/or use of the range**

23.1 Notify the NZDA Nelson Range Committee of any unauthorised access or use of the range.

### **Range intrusion procedure**

23.2 When the range is in use for live firing, it is the responsibility of all persons on the range that if any people or animals, are seen to enter or are about to enter the active range area forward of the firing line. If the RO has not identified the intrusion, any person is required to shout 'STOP', and all shooting is to stop immediately. Only when the intrusion is clear may live firing resume under the instruction of the RO.

## **24 Cone(s) of Fire (CofF)**

24.1 The approved range design CofF is +/- 20mils (1.125deg) for rifle - unsupported.

24.2 The approved CofF for rifle firing from a prone or supported position (e.g., benchrest) is +/- 10mils (0.563deg).

## **25 Inability of the shooter to achieve Cone of Fire (CofF)**

25.1 If for any reason any shots fired fall outside the CofF the RO is to carry out the following procedure:

1. Stop all firing and identify the shooter responsible.
2. Observe the shooters next shot and if it falls within the CofF, allow that shooter to continue firing.
3. If the observed shot does not fall within the CofF, the shooter is to be provided with a suitable coach with the intention of bringing the next shot within the CofF.
4. Shooters who are unable to achieve the CofF are to cease firing and be provided with remedial dry-fire training to improve their shooting skills. The firearm and ammunition should be checked first to ensure there is no fault with the firearm and/or ammunition.

## **26 Unlicensed or inexperienced shooters**

26.1 Any unlicensed shooter is to be under the immediate supervision of a firearms licence holder.

26.2 An inexperienced shooter must be able to achieve the range design CofF as described in Section 24.

## **27 Test firing**

27.1 There is to be no test firing of firearms or ammunition unless approved by the SRO.

27.2 Test firing of cartridges loaded by experienced handloaders is an approved activity.

## **28 Air danger height (ADH)**

28.1 The ADH for the range is 150m (500ft).

28.2 If an aircraft is observed flying in a manner that would intrude on the range danger area, all firing must cease until the aircraft has passed.

## 29 Range maintenance plan

29.1 **Prior to use** – Visual check of general range area by the RO of Target Stands, Bullet Catchers, Firing Line. Concerns are to be reported to the Range Committee.

29.2 **Prior to any club competition** – Check of range including general tidiness, target holders, scrub and condition of bullet catcher.

29.3 **Annually** and as necessary – Bullet catcher filled to manage tunnelling and maintain minimum 34-degree slope angle. Scrub and shrub trim and removal.

## 30 Children (minors)

30.1 All children must be under the direct supervision of an adult at all times.

## 31 Health and hygiene

31.1 It is recommended that shooters wash their hands before handling food and individuals are to ensure they manage their person hygiene appropriately on the range.

## 32 Domestic animals

32.1 Domestic animals must be restrained (e.g., on a leash, or in a locked vehicle) during shooting activities.

## 33 Additional headings

N/A.

## 34 Amendment to RSOs

34.1 The SRO must review and approve any proposed amendment. If approved, the SRO is to submit the amendment to the Clubs and Ranges Team at Te Tari Pūreke - Firearms Safety Authority for review. If approved, the SRO can include the amendment in the RSOs with a new effective date and distribute accordingly. All previous copies of the RSOs are no longer valid.

## 35 Authorisation of RSOs

35.1 These RSOs are approved by the Nelson Branch of NZDA.

## 36 Distribution list

1. NZDA Nelson Members.
2. Range noticeboard at the range shed by the flip up sign visible from the outside.
3. Other groups by application and approval by the NZDA Nelson Branch Range Committee.

## 37 Annexes *(if required to supplement the main body)*

### A. Range location and layout

### B. Range danger area

