

Murchison Community Range Shooting Range Standing Orders

The Shooting Range Operator (SRO) is responsible for producing the Range Standing Orders (RSOs).

1 Shooting range/multi-range site (complex) name
Murchison Community Range
2 Names of individual ranges (if applicable)
N/A
3 RSOs date (date RSOs were authorised)
12 June, 2023
4 Introduction
Information about the range
The Murchison Community Rifle Range is a 200m situated in a tight small gully with steep sloping sides with a 750-metre high topographical feature to the rear.
The legal title of the land on which the range is located, and any associated land affected by the range danger area (if different)
Part of Conservation Unit 01349 being part Section 7 Block I Tutaki SD
The name of the landowner(s) or controlling authority that approve the use of their land as a shooting range
Department of Conservation
Hours of operation
Daylight hours only

5 Responsibility
Name of the SRO (who is responsible for the overall safe operation of the range)
President - Nelson Branch of NZDA
The person in charge of the day-to-day administration, management, and maintenance of the range (if not the SRO)
President - Nelson Branch of NZDA

6 Compliance with Range Standing Orders (RSOs)

Statement directing that all range users must comply with RSOs

All range users must read, understand, and comply with these Range Standing Orders while the range is in use for any activities.

Describe the consequence of non-compliance with RSOs

In the event a user breaches these Range Standing Orders, all firing must immediately cease. Where the breach is intentional, the user will be required to leave the range before activities proceed. Where the breach is unintentional, verification of the correct procedures are followed before activities continue.

7 Range Location

Physical street address of the range

120 Matakītiki West Bank Road, Murchison 7077

NZTM map sheet number and grid reference

NZTM BR23 E1543328; N5371102

8 Approved range users and priority of use

List approved range users/organisations in their order of priority

NZDA Members

Community Members complying with RSO's

9 Warning flags and danger signs

Locations of warning flags, danger signs and their use.

Flag locations may be included within the Google Earth image (or similar diagram)

A Flip Flop Sign indicates range in use at E1543344 N5371136

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

- » *Where a range is designated a FDA or RDA range, a scale diagram of the range danger area is to be included as an annex (a scale diagram is not required for a NDA range)*
- » *The limitation of the danger area is to be clearly defined (RDA ranges only)*
- » *The range axis (direction of fire) is also to be clearly indicated in the scale diagram*

Range 1 (Number or name):

Murchison Community Range

Range description

Maximum firing distance, indoor/outdoor, type of shooting discipline and type of range danger area e.g., 50m Outdoor Pistol/Multi-discipline RDA range

A 200m, community based, small calibre rifle range with a centre line of fire at 222 degrees grid, used for target shooting and sighting in activities.

Restrictions

Restrictions on the ammunition approved for use on the range. This can be expressed as up to and including the maximum calibre, cartridge, muzzle velocity or muzzle energy, or a combination,

Explanatory note:

Where the range danger area or range infrastructure (backstop, bullet catcher, berms / sidewalls, target frames, or targets) requires the restriction of the muzzle velocity or muzzle energy of firearms used, then these limitations shall be included in the RSOs. Typical or example allowable and not allowable firearm cartridges can be listed for clarity. For example, the range may limit specific cartridges to those that fall within the range danger area or those that will reduce or eliminate the potential to damage range infrastructure e.g. bullet catchers or steel targets.

The range is restricted to small arm calibre rifles and shotguns. Maximum muzzle energy of 7500 Joules applies.

Conditions of use

List the conditions of use specific to this range e.g., Range 1 must be closed for use when Range 2 is in operation.

- Only firearms and ammunition in a safe condition may be used
- Incendiary or Tracer ammunition is categorically prohibited
- Firearms, ammunition, magazines and parts prohibited by the ARMS (Prohibited Firearms, Magazines and Parts) AMENDMENT REGULATIONS 2019 must not be brought on to the range for any purpose.

- 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.
- A shooter firing at the 50m 100m targets must do so from the right hand bench of the firing line.
- An Air Danger Height on 150m will be observed. If aircraft are observed flying in a manner that would intrude on the range of its danger zone, ALL DIRING MUST CEASE until the aircraft has passed.

11 Range safety roles

Describe the arrangements for officers on duty and any other persons with a designated role for ensuring safety

- » *RSOs must state that an officer is on duty for each individual range when in use*
- » *A shooting range operator of a certified shooting range must maintain for each year ending 30 June a record of the officers who are on duty at the shooting range from time to time during the year, who holds a firearms licence, and is appropriately trained in shooting range safety management.*
- » *The record must be retained for two years after the end of the year to which the record relates.*

A designated range officer will be present when the range is in use by NZDA and will be responsible for range safety.

Any individual using the range must comply with range standing orders and ensure the range is safe to use.

12 Range safety rules

Developed shooting activities must be reviewed for approval by the SRO before inclusion in RSOs. Police must be notified of any proposed amendment to RSOs for review of the current conditions of certification and approval.

Generic safety rules for the use of the range

- No Firearm may be loaded unless the user is at the firing point and then only when under the orders of the range officer.
- Firearms may only be loaded when pointed down the range.
- Actions will be open at all other times or checked as cleared in the case of semi-automatic firearms.
- 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 Range Officer.
- 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 Range Officer
- No person should shift or handle another person's firearm unless directed by the Range Officer.
- Firearms must be safely secured between events. Individual shooters not participating under the management of a Range Officer will act as their own Range Officers and must secure their firearms while they are down range.
- Only firearms in safe condition may be used.
- Sporting or ball ammunition only may be used. Use of incendiary or tracer ammunition is specifically prohibited.
- All firearms will be cleared prior to departure from the range.

Specific requirements before, during and after shooting

All waste and litter to be removed from the site. Range Status Signs closed.

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

Approved shooting activities

Target Shooting, Sighting in.

13 New ammunition use

If a new ammunition type is proposed for use on the range, it must be approved by the SRO before inclusion in RSOs. Police must be notified of any proposed amendment to RSOs for review of the current conditions of certification and approval.

Sporting or ball ammunition only may be used. Use of incendiary or tracer ammunition is specifically prohibited.

14 Targets

Approved soft and hard target types to be used

Targets are to be of a non-ricochet material, e.g. paper or cardboard. Targets must be constructed and sited to reduce or eliminate ricochets.

The correct placement of targets

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.

Approved target centre heights

1.0m to 1.4m – or placed in such a way that all projectiles impact in the bullet catcher.

The procedure for approval and use of new targets

New target types request to be addressed in writing to the Range Committee, via email or post. Range Sub Committee will approve or decline such requests and apply to subsequent standing orders as required

15 Steel targets

Provide instructions for the use of approved steel targets (if applicable)

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

16 Moving targets

Provide instructions for the operation of moving targets

N/A

17 Minimum safe engagement distances

List the minimum safe engagement distances by calibre, target type, composition of the backstop/bullet catcher material.

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

18 Eye and hearing protection

Describe the rules for the use of eye and hearing protection

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

Location of first aid/medical kit

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

Describe a suitable method (cell phone/landline/radio) to contact emergency services

Cell phone service is available at the firing line.

20 Accident/incident procedure

Describe the procedure in case of an accident /incident on the range not involving a firearm or ammunition

Cease firing and clear all firearms.

Render first aid.

Record details of the event.

Make a list of all participants present.
Advise the Nelson Branch of NZDA ph 027 2450 452, 027 430 5008

Describe the procedure in case of an accident /incident on the range involving a firearm or ammunition - Note: Section 58 of the Arms Act 1983 - Reporting of injuries caused by firearms, airguns, pistols, or restricted weapons, states that Every person who causes bodily injury to or the death of any person by the use of a firearm, airgun, pistol, or restricted weapon, shall, as soon as reasonably practicable, report the incident in person—

(a) at the nearest Police station; or

(b) to a member of the Police.

Following a firearm incident causing death or serious harm these procedures must be followed –

1. Cease firing and clear all firearms.
2. Render first aid and contact 111 for ambulance. (Murchison Hospital 03 5231120)
3. Advise the NZ Police there has been a firearm incident on the range.
(Murchison 03 5231170)
4. Seal off the area
5. Secure but do not remove or strip the firearm involved in the incident.
6. Advise the Nelson Branch of NZDA ph 027 430 5008.
7. Make a list of all participants present and remain present until cleared by NZ Police.
8. No media interviews are to be given. Refer all media to NZ Police.

21 Fire precautions and procedures

Evacuation procedure in the event of a fire

Cease firing and clear all firearms.

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

All persons proceed to the range safety sign.

All fires will be reported immediately:

Dial 111, Rural Fire Lookout 03 546 5613.

The following fire equipment shall be onsite during competition events.

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

Location of onsite fire alarms and equipment

N/A except as described for competition events.

Any relevant seasonal fire restrictions that must be complied with

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

Describe the procedure for clearance of the range at the completion of the shooting activity

All waste and litter is to be removed from the site.

Range Status Sign closed.

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

Describe the procedure for the managing any unauthorised access and/or use of the range

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

24 Cone(s) of Fire (CoF)

List all the approved cone(s) of fire for each range

A 20 mil cone of fire is approved for all approved rifles and ammunition.

25 Inability of the shooter to achieve Cone of Fire

Describe the procedure on how the shooting range operator validates and monitors the ability of a shooter to achieve and maintain the approved cone of fire, and the corrective actions if a shooter is unable to do so

The Range Officer monitors that users are able to achieve the approved cone of fire. In the event a user is unable to do so, all firing must immediately cease. The Range Officer will check with the user as to the reason for failure to achieve the Cone of Fire. Where the user is unable to, or Range Officer or unsure of their ability to, achieve the Cone of Fire, they must undergo correction of the issues before restarting the shooting activity.

26 Unlicensed or inexperienced shooters

Describe the procedure(s) used to manage an un-licensed or inexperienced shooter on the shooting range

Any unlicensed shooter is to be under the immediate supervision of a licence holder. An inexperienced shooter must be able to maintain range cone of fire as described in 25.

27 Test firing

Describe the procedure(s) used to approve and manage test firing of firearms and ammunition

No Test firing accept for handloaded rounds loaded by experienced handloaders.

28 Air danger height (ADH)

List approved ADHs for the range

150m

Describe the procedure for aircraft intrusion over the range danger area

If any aircraft are observed flying in a manner that would intrude on the range or its danger zone, all firing must cease until the aircraft has passed.

Describe any procedure required by agreement with the local aerodrome(s) or CAA for use of the range (if applicable)

N/A

29 Range maintenance plan

A schedule of regular maintenance checks of the range(s) e.g., detailing the criteria for the refurbishment of the bullet catcher fill material (if applicable), and for the purpose of certification, the standard of the range maintenance will be assessed against the range maintenance plan

Prior to use – Visual check of general range area by Range Officer of Target Stands, Bullet Catchers, Firing Line. Concerns reported to Range Committee.

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

Annually and as necessary – Bullet catcher filled to manage tunnelling and maintain minimum 30 degree slope. Scrub and shrub trim and removal.

30 Children (minors)

Rules for supervision of children (minors) on the range

All children must be under the direct supervision of an adult during shooting activities.

31 Health and hygiene

Rules for health and hygiene procedures (e.g. washing hands before handling food after shooting)
Individuals are to ensure they manage their person hygiene appropriately on the range. A toilet and wash facilities are available, entrance at the rear of the club house.

32 Domestic animals

Rules for allowing domestic animals on the range
Domestic animals must be restrained (e.g. on a secured leash, in a locked vehicle) during shooting activities.

33 Additional headings

Any other information necessary for inclusion in the RSOs for the safe management and operation of the range
N/A

34 Amendment to RSOs

Describe the procedure for amendments to these RSOs
The Nelson NZDA Range Committee will review these standing orders annually, and after any significant incident. Any changes will be minuted and a new copy of the Range Standing Orders distributed to the membership.

35 Authorisation of RSOs

The Shooting Range Operator is to authorise the RSOs by inserting the date the RSOs were approved.
12 June, 2023

36 Distribution list

List all approved range users and associated organisations

NZDA Nelson Members

Community Members

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

A. Range layout and location

A Google Earth image or Topo50 Map image indicating a plan view of the range(s) including flag locations.

Annex A:



B. Range danger area

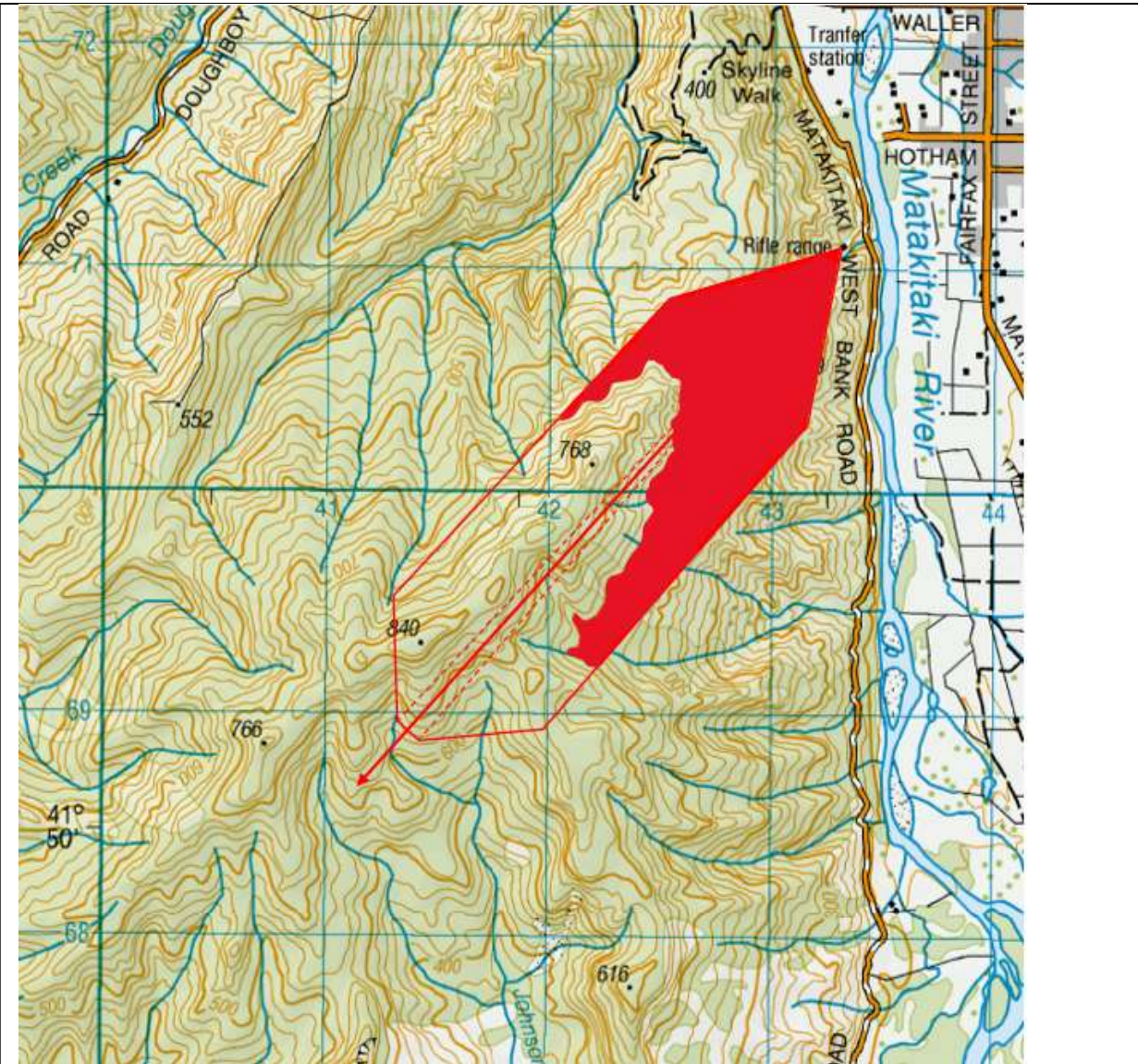
A scale diagram illustrating the FDA/RDA including the boundary of the land approved for use as a shooting range, not required for a NDA range. This diagram must also list the grid reference(s) to the firing point/firing line/firing box, range axis, left and right of arcs (if applicable), the ammunition danger area template used.

Annex B:

T6 Template

RDA is formed by the 600m contour line.

Firing Line GR: NZTM BR23 E1543328; N5371102



C. Additional shooting organisations

Where more than one shooting organisation uses the range, specific rules for their discipline can be added as an annex. They must not contradict these RSOs. The annex must be reviewed and approved by the SRO for inclusion in these RSOs.

Annex C: N/A

D. Any other relevant information

Information, tables and images that are more suited to be included as an Annex to reduce clutter in the main body of the RSOs.

Annex D: N/A