



# Packers Creek Shooting Range Standing Orders

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| <b>1 Shooting range/multi-range site (complex) name</b>  |
| NZDA Packers Creek Range   |
| <b>2 Names of individual ranges (if applicable)</b>  |
| 200m Range, 50m Range  |
| <b>3 RSOs date (date RSOs were authorised)</b>   |
| 4/05/2023  |
| <b>4 Introduction</b>  |
| <b>Information about the range</b>   |
| The Range Complex at Packers Creek contains 2 ranges. A 200m Gallery Range (Gallery is not currently use) with firing Lines at 0 metres and 100 metres, as well as target lines at 100 yards, 100 metres, 200 yards and 200m. A 50m range with firing lines at 0 metres and 25 metres, target line at 50 metres. |
| <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>   |
| LINZ ID: 3624305 Title: 9D/58 46439 Legal: Lot 2 DP DP 14527   |
| <b>The name of the landowner(s) or controlling authority that approve the use of their land as a shooting range</b>  |
| Ngati Koata - Under Lease to NZDA Nelson Branch. Tasman Pine Forests have Lease on area with includes RDA.   |
| <b>Hours of operation</b>  |
| Saturday and Sunday, 8.55 am – 11.00 am for members. Weekends and public holidays 9-5pm by arrangement for events.   |
| <b>5 Responsibility</b>  |
| <b>Name of the SRO (who is responsible for the overall safe operation of the range)</b>  |
| Nelson Branch of NZDA President  |

**The person in charge of the day-to-day administration, management, and maintenance of the range** (if not the SRO)

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*

1 Packers Creek Road, within Hira Forest.

**NZTM map sheet number and grid reference**

BQ26 E1629009 N5430293

**8 Approved range users and priority of use**

*List approved range users/organisations in their order of priority*

NZDA Nelson Branch Members

Local rifle and gun clubs, by arrangement

Armed Services, including Police, by arrangement.

Other groups as approved by the Range Committee.

**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)*

**Danger Signs**

100m before the eastern entrance gates

1100m up the 4WD track E1629635:N5431137

1100m up the 4WD track E1629949:N5430697

Flags

Range Complex Flag E1629009:N5430294

200m Range E1629070 E5430301

50m Range E1629016:E5430316

**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):**

**200m Gallery 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*

200m Gallery Range (Gallery not in use) with a centre line of fire of 68 degrees Grid. This range is a Reduced Danger Area Range with bullet capture berms at 100 and 200 metres. The range has a markers gallery with 10 target frames. The 100m berm serves as a firing point. The 200m firing point is covered and contains 20 bench rest positions.

|   |   |
|---|---|
| <b>Restrictions</b>   | <i>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,</i> |
| <b><u>Explanatory note:</u></b><br><i>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.</i>  |   |
| The range is restricted to small arm calibre rifles and shotguns. Maximum muzzle energy of 7500 Joules applies.   |   |
| <b>Conditions of use</b>  | <i>List the conditions of use specific to this range e.g., Range 1 must be closed for use when Range 2 is in operation.</i>   |
| <ol style="list-style-type: none"> <li>1. Practices involving military and police weapons systems must comply with the rules formulated by those organisations and approved by NZDA Nelson.</li> <li>2. Only firearms and ammunition in a safe condition may be used.</li> <li>3. Incendiary or Tracer ammunition is categorically prohibited.</li> <li>4. 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.</li> <li>5. All projectiles must be captured by the bullet stops at the 200m bullet catcher, back stop or 100m bullet catcher. 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>6. Cross firing is prohibited.</li> <li>7. Note – Firing at a target other than one squarely in front of the shooters designated firing position on the firing line may compromise the safety template.</li> <li>8. Poles (red painted) are sited to indicate the left and right limits of bullet stops. NO projectiles must impact outside of those poles.</li> <li>9. An Air Danger Height on 500m will be observed. If aircraft are observed flying in a manner that would intrude on the range of its danger zone, ALL FIRING MUST CEASE until the aircraft has passed.</li> <li>10. Red Flag flown at the butts signifies that NO FIRING MAY TAKE PLACE AND ALL FIREARMS ON THE FIRING LINE ARE TO BE CLEARED.</li> <li>11. No personnel will be in the butts during live fire unless the butts flag is available and all personnel at the range have been briefed on the significance of the flag.</li> </ol> |   |
| <b>Range 2 (Number or name):</b>  | 50m Range   |
| <b>Range description</b>  | <i>Maximum firing distance, indoor/outdoor, type of shooting discipline and type of range danger area e.g., 50m Outdoor Pistol/Multi-discipline RDA range</i>   |
| The 50m Range with a centre line of 338 degrees Grid. This range is a Reduced Danger Area Range with a near vertical hill immediately behind the target line. There is a raised firing point at 25 metres and three sighting in benches at 50 metres. When this range is in use the red flag is to be raised at the entrance to the 50m range.  |   |
| <b>Restrictions</b>   | <i>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.</i> |
| The range is restricted to small arm calibre rifles. Maximum muzzle energy of 7500 Joules applies.  |   |
| <b>Conditions of use</b>  | <i>List the conditions of use specific to this range</i>  |
| <ol style="list-style-type: none"> <li>1. Only firearms and ammunition in a safe condition may be used</li> <li>2. Incendiary or Tracer ammunition is categorically prohibited</li> </ol>   |   |

3. 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.
4. All projectiles must be captured by the bullet catcher behind the 50 meter 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.
5. Cross firing is prohibited.
6. Note – Firing at a target other than one squarely in front of the shooters designated firing position on the firing line may compromise the safety template.
7. An Air Danger Height on 500m will be observed. If aircraft are observed flying in a manner that would intrude on the range of its danger zone, ALL FIRING MUST CEASE until the aircraft has passed.

*Serial 10 continues for the respective number of ranges, at 10.3 (if applicable)*

### **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 Range Officer is to be on duty for any organised club event.

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

### **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 and flags lowered.  
Gates at the entrance secured as found.  
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

*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.

*Approved target centre heights*  
0.6m to 1.2m – 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)*  
N/A

### 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 use of the fixed firing line positions only, with target lines at 25m, 50m, 100 Yards, 100m, 200 yards, 200m.

### 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*  
A first aid kit is located in the range hut, the building immediately behind the 200m firing line.

*Describe a suitable method (cell phone/landline/radio) to contact emergency services*  
Cell phone service is variable, depending on provider. The best reception is at the range hut, and at the Sharlands Creek gate.

## **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.*

Cease firing and clear all firearms.  
Render first aid.  
Seal off the area.  
Secure, but do not remove or strip the firearm involved in the incident.  
Advise the NZ Police (111) that there has been a Firearm Incident on the Range  
Advise the Nelson Branch of NZDA ph 027 2450 452, 027 430 5008  
Advise the participation Organisations President or Commanding Officer  
Record details of the event.  
Make a list of all participants present and remain present until cleared by NZ Police  
No media interviews are to be conducted. Refer all media to the 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 grassed area between the 200m and 50m ranges.  
Once accounted for, all persons to evacuate the forest area proceeding in convoy to the Sharlands Gate entrance if safe to do so.  
All fires will be reported immediately:  
Dial 111, Rural Fire Lookout 03 546 5613, and Tasman Pine Forest 03 541 7000

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 Tasman Pine Forest 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 Tasman Pine Forests that the danger is reduced.

## **22 Range Clearance**

*Describe the procedure for clearance of the range at the completion of the shooting activity*  
All waste and litter to be removed from the site. Range Status Signs closed, and flags lowered.

Gates at the entrance secured as found.

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*

An Air Danger Height of 500m will be observed

*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*

Weekly – Visual check of general range area by Range Officers opening for club members: Target Stands, Bullet Catchers, Firing Line. Concerns reported to Range Committee.

Prior to any club competition – check of grass and scrub length and condition of bullet catchers.

Monthly (or as required) – range ground mowed, and grounds tidied.  
Annually and as necessary – Bullet catchers filled to manage tunnelling and maintain minimum 30 degree slope. Scrub and shrub trim and removal. 50m Range Bridge checked for safe access.

### **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.*

4 May 2023



## 36 Distribution list

List all approved range users and associated organisations

NZDA Nelson Members.

Other groups by application and approval by the NZDA Nelson Range Committee

## 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:

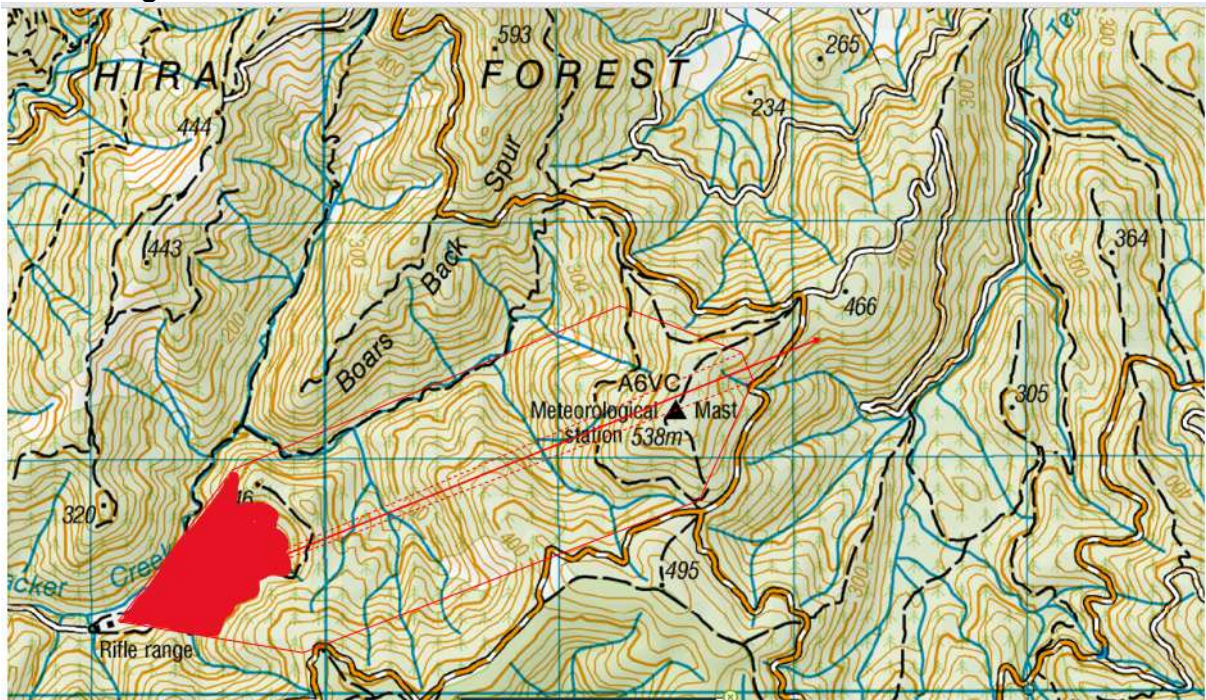


### B. Range danger area

*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:

## 200m Range



T6 template

200m Range RDA - 200m Contour line.

Firing point - BQ26 E1629089 N5430297

Range Complex Flag E1629009:N5430294

200m Range E1629070 E5430301

**50m Range**



T6 template

Firing point BQ26 E1629012 N5430315

Range Complex Flag E1629009:N5430294

50m Range E1629016:N5430316

**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