

Welcome to the Manawatu OUTDOOR Smallbore Rifle Club

The Manawatu Outdoor Smallbore Rifle Club (MOSRC) was established in 1997, and is affiliated to the Manawatu Smallbore Rifle Association. Outdoor shooting takes place at **Range 2 of the RR&G Range at 333 Turitea Rd**, over 50 metres, from October to March.

New shooters are welcome to visit casually up to 4 times to shoot before deciding if they would like to officially join the Club. All MOSRC members are required to be members of RR&G and to pay RR&G range fees, and any shooters who are not current members of a TSNZ Indoor Club will also need to affiliate to Manawatu Association and TSNZ.

Club Nights / Practices

Club Nights are on Mondays, Practices are on Thursdays and some Saturdays.

The Outdoor target changers and flags have to be set up each night, so anyone who wishes to shoot on CLUB NIGHTS must **TEXT Jackie on 021 515 320 by 2pm each Monday** to book their slot.

Club members arrive by 5pm to set up the range, with shooting starting around 5.30pm. Arriving after 5 is fine, as long as anyone who arrives after the range is already set up makes sure they pack up. If you don't know what to do, just ask.

Shooters shoot a 60-shot match on 5-shots per diagram fan-fold targets, in target changers, on normal Club nights. Time allowed is 15 minutes for setup, 15 minutes for unlimited sighters, then 60 minutes for the match. All shooting is overseen by a Range Officer, however shooters may manage their own match times.

Scores from all Club night matches automatically go towards a Club Championship for the season, which is decided in grades (A,B,C,D) with the best 8 scores counting.

Shooters may choose to shoot practice targets instead of Club scores on a Monday, but practice targets will not be marked, and will not count towards the Club Champs.

Practices - Club members can use the range for informal practices on Thursdays from 5pm, and on the first and third Saturday of each month between 9am and 1pm. **Text Jackie on 021 515 320 to book a changer for Thursdays by 2pm on the day, and for Saturdays by 8am on the day.**

Fees 2023-24

MOSRC Membership: \$20 – Due by 30th November annually, **PLUS:**

RR&G Membership: \$45 for Outdoor Smallbore Membership
RR&G Range Fees: \$40 - this covers all Monday Club nights plus any Thursday or Saturday practices
Targets: \$4 per 60-shot 5-shots-per-target match
Charged by MOSRC at the end of the season

Casual / Guests:

RR&G Range Fees: \$10, payable into the RR&G HONESTY BOX on the day of shooting
Targets: \$5 per 60-shot 5-shots-per-target match, payable to MOSRC on the day of shooting

Association / TSNZ Affiliation: This only applies to non-Indoor shooters and varies depending on age and time of year of joining. Talk to the MOSRC Secretary for details.

What you will need

There is no Club equipment available for Outdoor shooting so you will need your own rifle, jacket, glove, scope, and ammunition. MSRA mats are available at the range.

Shooters do not have to hold a Firearms Licence, but they and their equipment must be supervised at all times by a Club Member who does.

Transitioning from Indoor to Outdoor

EQUIPMENT - Outdoor shooters may use all the same equipment as they do for TSNZ indoor shooting when they start out, and all TSNZ matches and competitions can be shot using indoor equipment, all the way up to the TSNZ Outdoor Nationals and most International matches shot at the Nationals.

More experienced shooters who choose to be placed on the NZ Shooting Federation Ranking List for selection to some International teams (such as Oceania) must have equipment that complies with ISSF Rules. Their NZSF ranking scores in decimals will then be gained from the seven TSNZ Designated Matches that are held each season.

SIGHTING – because of the extra distance compared to Indoor (50m compared to 20 or 25 yards), sights will need to be wound up for Outdoor. A good start is 13 clicks up for 10-click sights.

Anyone who needs to sight in their rifle at the start of the season, or re-sight in after any setup changes, **MUST ask for a sighting card to use first**. Do not just shoot with a changer, as hitting the changers will damage them.

Safety

- The Outdoor Range is under the control of a Range Officer at all times.
- No one may go forward of the shooting line unless the range has been cleared by the Range Officer and they have been advised it is safe to do so.
- Shooters **MUST** have a safety flag inserted in their rifle at all times when not shooting.
- No rifles may be put from gear tables onto the firing points until the Range Officer has called “Athletes to the Line”.
- No shooter may pick their rifle up from the firing point until it has a safety flag inserted and has been cleared by the Range Officer or another Club Member.
- No rifles may be left unattended – a Club Member will be allocated to take charge of all rifles when others go forward to clear the range after shooting.

Grading

Four 30-shot official scores are required for grading. Outdoor grades are based on **WHOLE SCORES** (not Decimals) and are:

A Grade – 97.00 – 100 (582 – 600) **C Grade** – 92.50 – 94.99 (555 – 569)
B Grade – 95.00 – 96.99 (570 – 581) **D Grade** – 92.49 and under (554 and under)

Shooters who have an INDOOR GRADE for TSNZ will start their first Outdoor season one grade lower than their Indoor Grade. Shooters who do not have an Indoor Grade will start at D Grade.

Tips for Outdoor shooting

Watch the wind – the flags will show wind strength and direction. It’s best to try and shoot with the flags at the same level and direction each time as much as possible. Make sure the design of your blinder allows a good view of the flags.

Use the sighting time to figure out what wind you will try to shoot on, and how many clicks you will need to use if the wind changes. You can also “aim off” if the wind changes, but this is a skill that doesn’t come easily to everyone.

There are 2 lines of flags, one at 10m ahead of the firing point and another at 30m ahead. Because the bullet has further to travel after passing the 10m flags, generally wind at this line moves shots further than the same wind at the 30m line would.

If it has been raining and the flags are wet they will be sluggish, so may not give as accurate an indication of wind strength or changes as usual.

Watch the light - as the light changes due to sun and cloud, the view you see of the target will also change. If it suddenly gets darker shots tend to sink lower, and if it gets brighter, shots tend to rise. Use coloured filters to help with light changes.

Watch for mirage – mirage will change the view of the target, making it unclear and look like the target has shifted in the direction the mirage is flowing. Using a polarising filter may help with the effects of mirage.

Watch number of shots fired – set out your bullet block with exactly 60 match bullets, in lines of 5 for 5-shots per target matches, and in lines of 2 for 2-shots per target matches. Keep your sighting bullets separate. It is up to you to make sure you put all 60 shots (and **ONLY** 60 shots) into the match target.

Watch your timing – a 60-shot match on target changers is 60 minutes, and on electronic targets is 50 minutes. Have a clock to check that you’re not falling behind on time, as rushing at the end to catch up can cause big problems.

Manawatu Outdoor Club Contacts

President – Jackie Lindsay 021 515 320 lindsay.jj@xtra.co.nz

Vice President – Fiona Mills 027 246 6600 fionamills75@gmail.com

Secretary/Treasurer – Ross Lomas 021 541 449 sandsnipernz@yahoo.com

RR&G MEMBERSHIP - <https://www.rrgc.org.nz/join1>