

New Zealand

SERVICE RIFLE MATCH CODE



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INTRODUCTION

This booklet contains the procedures for safe gun handling that have been adopted by NZSRA and its members.

One of the objectives of the New Zealand Service Match Code is to develop and publish standard matches so that common performance levels can be established and competitions can include such matches. In addition Range Officers can be trained in procedures for these matches.

The third edition developed consistent rules for all member organisations and a common objective for operating and judging the New Zealand Service Rifle National Championships.

This fourth edition adds detailed eligibility rules for rifles, telescopic sights and accessories so as to make clear and universally applicable rules. The list of matches has also been updated to represent more accurately what is being regularly shot at local and national competitions.

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ADMINISTRATION

A 1 MATCH DIRECTOR

The Match Director (MD) is in charge of the entire match.

A 2 CHIEF RANGE OFFICER

The Chief Range Officer (CRO) on duty will have absolute authority over all persons on the range. Safety on the range will be the CRO's primary concern. It is the CRO's responsibility to understand and ensure the execution of Range Standing Orders. It is the duty of the CRO to ensure that a First-Aid kit is readily available during the competition. Failure to obey orders, instructions or any directions given by the CRO, or behaviour liable in the CRO's opinion to bring the sport into disrepute, may lead to disqualification.

A 3 RANGE OFFICER

The Range Officer (RO) is in charge of a course of fire and is responsible for the correct briefing of the competitors. The RO has complete authority on matters of safety and is responsible for the application of all procedural and scoring rules. The RO has authority for disqualification for safety violations committed on his match or range that day. Range Officer Qualifications are available through NZSRA training and exams. Range Officers should wear some item of clothing or badge which identifies them as Range Officers. Whatever the level of shooting programme, from practice to national competitions, the minimum level of control is one qualified Range Officer who should not be shooting while officiating.

A 4 MARSHAL

The Marshal, should one be appointed, is to call competitors to the line, inform them who is shooting in the next detail, give details of the next course of fire, and the number of rounds required, so that competitors can be prepared for the RO's final briefing and inspection prior to each detail. The Marshal is also to endeavour to summon late or missing competitors to the line, ensure that competitors have signed the registration sheet for the day's competition and to allot competitors with their shooting numbers or shooting positions.

A 5 ARBITRATION COMMITTEE

In the event of a dispute of any sort, the Match Director shall appoint an Arbitration Committee of three experienced competitors who do not have a direct interest in the outcome of the case. The arbitrators should be senior qualified Range Officers if possible. All committee members shall vote. The Senior Range Officer or the senior competitor, if there are no Range Officers, shall be the chairman. The Arbitration Committee will announce their decision in writing as soon as it is made and there is no further appeal against this.

EQUIPMENT

E 1 FIREARMS

Unless stated otherwise in the entry criteria or match director's instructions, any firearm meeting the safety requirements set out below will be eligible to compete in at least one class of Service Rifle competition.

All firearms and equipment used in competition shall be serviceable and safe. If any firearm or item of equipment is observed to be, or is deemed unserviceable or unsafe, it shall be withdrawn at the instruction of the Range Officer. The following devices must be serviceable and safe at all times:

- a) Safety catch/selector
- b) Engagement sears
- c) Disconnector (semi-auto actions)
- d) Trigger pull - Manufacturers specification [Proof Required] and/or Technical committee's approval) (see also Appendix 4 for some specific rifles) or 4 1/2 lbs absolute minimum. Trigger must also be safe.

E 2 SLINGS

Slings may only be used when the rules of the match allow. Typically this will be at 300 m plus. If slings are fitted, then they must be of service pattern or similar, but not necessarily of the pattern originally fitted to the rifle it is used on.

E3 CHEEK RESTS/PIECES

Cheek rests/pieces may be fitted to specified rifles as listed in Appendix Four, or others by approval, and should be of a military type.

E 4 UNSAFE AMMUNITION

Ammunition which, in the opinion of the Range Officer, is unsafe, or is prohibited for use by Range Standing Orders shall not be used (e.g. armour piercing, tracer, incendiary, steel shot on steel targets)

E 5 CLOTHING

Clothing worn should be of a type normally described as street clothing or field clothing. However, the clothing may be of a suitable robust construction for the purpose intended. The use of more than one item of military camouflage clothing by civilian competitors is not allowed.

E 5.1 SPECIAL CLOTHING

Specially constructed shooting coats, jackets, and trousers etc. (e.g. as used by small bore and full bore target competitors) are specifically not permitted. Wet weather clothing may be used.

E 5.2 CLOTHING MATERIAL

All clothing must be made of soft, flexible and pliable material that does not materially change its physical characteristics under commonly encountered shooting conditions. These same general specifications apply to any lining, seams and normal tailoring reinforcements, etc.

E 5.3 GLOVES AND HATS

Specialist target rifle shooting hats are not permitted. Specialised shooting gloves or mitts are not permitted.

E 5.4 FOOTWEAR

Full cover footwear must be worn at all times. Bare feet, jandals, sandals, etc. are not permitted on the firing line or in the butts area.

E 6 PADS

Elbow and shoulder pads may be sewn onto or strapped to the outer garment but may not exceed 10 mm in thickness or be more extensive than is necessary to protect the elbow or shoulder area. No other padding will be permitted.

E 7 EXTRA SUPPORTS

Any straps, buttons, cuffs, hooks, laces, pocket, binding or any other devices (whether a normal part of the construction of the garment or not) that may be construed as providing artificial support for the rifle, sling, or competitor's limbs or torso, are not permitted in either the outer or under garments. See also **E11**.

E 8 EAR PROTECTION

Ear protection is mandatory on all ranges.

E 9 EYE PROTECTION

The wearing of eye protection is compulsory while shooting at steel targets closer than 75 yards/metres. It is highly recommended at all other times.

E 10 GROUNDSHEETS

A ground sheet or shooting mat may be used in any course of fire for the protection of the competitor's clothing and/or equipment provided that it is not constructed or utilised in such a way as to provide artificial support for the competitor or his rifle.

E 11 OPTICAL AIDS

Binoculars and spotting telescopes are allowed, together with stands or rests, provided they do not inconvenience other competitors or provide any support or shelter for the rifle or competitor. They may be used for deliberate practices and to view sighting shots (where allowed) for other practices. Some matches may specifically preclude the use of Optical Aids. See Appendix Five for eligibility of telescopic sights.

E 12 Supports

For matches described as supported, the front of the rifle may be supported by a sandbag, bipod, pack, magazine base, or other support. For all other matches, no support is allowed and this means no part of the arm below the elbow may touch the ground, and no artificial device may be used. A sling, when allowed in the match, is not regarded as a support under this clause and can thus be used in “unsupported” matches.

RANGE COMMANDS

The running of matches and the operation of the targets depends on the actual match and the availability of rising and falling or turning or fixed targets. The set of range commands used by the Range Officer will depend to a large extent on the targets available.

The Range Officers should issue the shooting instructions in accordance with the Course of Fire and in a consistent manner.

Range Officers must use one of the following two series of commands to control activity on the Range, and to maintain consistency.

A - Typically used for ranges without rising and falling targets.

"RANGE IS IN USE"

No competitor/person may be forward of the firing line after this command is given by the Range Officer.

"COMPETITORS TO THE LINE"

This command is to be used to call the competitors to the firing line with their firearms and get into their shooting order e.g. designated number corresponding with the target or starting or staging area.

"LOAD AND MAKE READY"

The competitor will face down range, fit hearing protection etc., unsling firearm (if applicable), point muzzle down range or in the direction specified by the Range Officer, place on or fill the magazine, load chamber. The competitor will then assume the required position the stage dictates with the finger outside the trigger guard, and clear of the trigger. A loaded firearm must be pointed in the direction of the targets at all times.

"MAKE READY"

This command is used when the loading of the firearm is part of a match. The competitors should adopt the starting position of the match.

"ARE YOU READY?"

If on this command a competitor is not ready, they must call, "not ready". The RO will call "not ready called" and wait 30 seconds, and then call "are you ready?" again. Only two "not ready" calls will be allowed per squad/competitor, and the match will start immediately after the third "are you ready" call. The absence of a response will be read as an acceptance that the competitor is ready. To avoid misunderstandings, the competitor should not take the normal ready position until they are actually ready.

"STAND BY"

Competitors take aim, and place finger on trigger, or as match dictates.

"FIRE"

Competitors carry out the match procedure as detailed in the Course of Fire.

"STOP (CEASE FIRE)"

This command is to be used when competitors have reached the end of a limited, timed event, or the Range Officer has made the decision to stop a competitor due to unsafe firearms handling, a range violation or emergency on the range. The competitors will stop shooting, point the firearm in a safe direction, and wait for further instructions. The Range Officer will then give suitable commands appropriate to the circumstances.

"STAND DOWN"

This command is used if there is a temporary delay in starting the match. The competitor may return from the Start position to a resting position. If the match is to continue the next command will be "Stand By"

"UNLOAD" – SEE BELOW

OR (MILITARY STYLE)

B - Typically used for ranges with rising and falling or turning targets.

"LOAD"

The competitors will face down range. Apply the safety catch (if the match requires it) and then attach a magazine containing rounds to the firearm (without chambering a round).

"ACTION"

The competitor will work the action to chamber a round, and then place the safety catch on (if required).

"INSTANT" (OPTIONAL)

Competitors may set their sights, release the safety catch and take aim.

"FIRE!"

This will be on command and the cue to commence firing.

"WATCH AND SHOOT!"

This will be given when moving or rising targets are being used, and means to fire once the target is visible.

"IN YOUR OWN TIME, GO ON!"

This will be given when there is no time limit.

"STOP!/CEASE FIRE!"

The competitor will cease fire if not finished and take the firearm off aim.

"UNLOAD" – SEE BELOW

Then – common to both sets of commands

"UNLOAD AND SHOW CLEAR"

On this command, the competitor will unload the firearm and remove the magazine if applicable. The competitor will then hold or lock open the action and allow the Range Officer to inspect the chamber and magazines. The use of empty chamber indicators is recommended (and mandatory at some ranges). The Range Officer may request bolts to be removed from bolt action rifles, especially if an empty chamber indicator is not used. Placing the rifle on the ground with an empty chamber indicator in place is acceptable.

"FIREARMS ARE CLEAR, SAFE TO REMOVE"

The competitor will not leave the firearm or the mound until the firearm has been checked and cleared by the Range Officer. It is strongly recommended that an empty chamber indicator is fitted before the firearm is removed from the mound, if not already fitted

"RANGE IS SAFE"

No competitor/person may move forward of or from the firing line before the Range Officer gives this command. Once this command is given, competitors and officials may move forward to score etc.

MATCH CONDUCT

SAFETY REGULATIONS

NZSRA and the sport of service rifle shooting have experienced an excellent safety record over the years and with the increasing popularity of the sport we now find it necessary to update the rules addressing competitor's conduct and safety.

If the RO sees a safety violation, he/she should call it immediately and STOP THE COMPETITOR as soon as practically possible. The competitor must unload and show clear before discussing the incident and possible penalties.

S 1 PENALTIES

NZSRA, in common with some other shooting organisations, recognises two levels of safety violations and these are rated as safety violations which incur a warning, and disqualification violations which incur disqualification from the entire competition.

Safety violations

- Any discharge after Load or before Unload, but before Fire and after Cease Fire, into berm, target or safe area.
- Dropping unloaded firearm
- Handling firearm except under instruction from RO
- Handling firearm when range is closed
- Putting firearm on mound before instruction
- Not wearing ear protection or eye protection where appropriate
- Any discharge prior to the command "fire" and after "load", or while reloading, unloading or during remedial action of a malfunction during a match, (so long as the firearm is pointed within the confines of the backstop)
- Moving forward before the range is cleared.
- Finger not out of trigger guard during any movement/change of position

Disqualification violations

- Any discharge before Load or after Unload
- Any discharge not into a safe area or outside range template
- Dropping a loaded rifle
- Pointing rifle uprange
- Rifle loaded except on mound under instruction from RO
- Pointing rifle at anyone including part of own body
- Consumption of alcohol or drugs before event
- Any unsafe handling of firearm

Except that

- AD because of broken part will not incur penalty
- Placing rifle on ground deliberately shall not count as dropping.

Two Safety Violations may result in disqualification

S 2 DISQUALIFICATION

Disqualification means that a competitor must stop shooting immediately and may not compete further in that match and/or competition. The competitor will have a nil score recorded for that match and/or all matches in that competition. If it is necessary to deliver a DQ, the RO will emphasise that it is for the safety of everyone, and the continued good record of our sport.

S3 – OTHER SAFETY ISSUES

S3.1 Competency

Any competitor may be required at any time to demonstrate to the Range Officer that he or she is competent with the firearm he or she is using.

S3.2 Reloading

During reloading, care must be taken to ensure that the firearm points down range throughout the procedure. This is particularly important when reloading a semi-auto firearm, since the firearm may be "live" during reloading (i.e. a live round in the chamber and the safety catch off). While reloading any firearm, the finger must be outside the trigger guard.

S3.4 Movement

When a course of fire requires movement by the competitor, such movement, involving more than one step or when changing shooting positions (i.e. from prone to standing) MUST be carried out with the trigger finger outside the trigger guard (except when actually engaging targets). Additionally, the muzzle must be pointed in the likely direction of the targets or where specified match design dictates.

S3.5 Other Acts or Omissions

The Range Officer may also define acts or omissions other than those listed above as safety violations. A contestant committing any unsafe act or omission may be subject to a penalty or disqualification.

S3.6 Reporting of Violations

It is a competitor's responsibility to report to the Range Officer any safety violations committed by other competitors.

S 4 CARRIAGE OF FIREARMS

When not in use or when moving to or from different range areas firearms must be carried in a safe manner at all times, with fingers well clear of the trigger and pointed in a safe direction.

S4.1 Condition of Carried or Stored Firearm

All rifles and shotguns, when carried or racked, shall be unloaded with the ACTIONS OPEN, and magazines removed where applicable. Actions without an internal hold open device must be propped open. The use of an empty chamber indicator is strongly recommended. Restricted firearms must be appropriately secured when not in use.

S4.2 To, from and on the Range or Firing Line

When firearms are brought on to or removed from the range they must be cased, bagged, boxed, or covered up. Firearms on a range must be stored in a safe manner as directed by the Range Officer. It is recommended that all firearms not in use or not about to be used be stored in a locked vehicle.

S4.3 Removal from the Firing Line

Where this area is under the supervision of a Range Officer, the removal of the firearm may only be with the Range Officer's permission.

S 5 SAFETY ZONE

It is the responsibility of the competition organisers to provide designated Safety Zones, conveniently located for the use of competitors. It is recommended that a primary Safety Zone be provided convenient to each range to allow storage, casing and uncasing and secondary Safety Zones be assigned to allow dry firing, practice manipulation, cleaning etc.

Safety Zones must be well signed and must have the safe directions clearly indicated. These areas should be controlled by a Range or Safety Officer. In no case may firearms be loaded in the Safety Zone, even with dummy rounds or empty cases. No ammunition may be taken into in the Safety Zone.

S 6 SPECTATORS

Clearly designated areas should be assigned for spectators. Spectators should wear the same safety equipment as competitors. The Range Officer is responsible for disciplining spectators who behave in an unacceptable manner.

S 7 LICENSING

All persons handling firearms at the range must hold a current NZ Firearms Licence suitably endorsed for the class of firearm being used. Match organisers are entitled to require proof of this. Note that non-licensed persons may shoot an A category firearm under direct supervision by a licence-holder – but this is subject to the Range Officer's permission.

MATCH REGULATIONS

M 1 LOADED CONDITION

A firearm shall be considered loaded if it is in any one of the following conditions:

- a) Magazine filled and fitted
- b) Chamber loaded
- c) Action closed

M 2 READY POSITION

Normal ready position will be with the firearm in the “ready condition” held in both hands with the muzzle pointing down range with the fingers outside the trigger guard. When standing, the firearm must be pointed down range at a minimum of 45° and the butt of the firearm not above shoulder height. When prone the firearm should be held in both hands, but may be rested on the ground.

M 3 SHOOTING POSITIONS

Recognised shooting positions are standing (with no support); sitting, kneeling, or squatting (elbow(s) may be supported on knees); and prone (elbow(s) on ground).

Shooting positions are specified in nearly all matches. Unless stated that only one position is allowed, a position less supportive may also be used i.e. if prone is specified, then sitting, kneeling, squatting or standing is allowed; if sitting, kneeling, or squatting is specified then standing is allowed.

M 4 MALFUNCTIONS

In the event of a firearm malfunction, the normal procedure will be for the competitor to rectify the situation, keeping the muzzle pointed down range and carry on with the event. If they are unable to do so, they will stand fast, lower the firearm safely pointed down range and signal by raising their free hand.

The Range Officer will examine the firearm as soon as appropriate and if it is decided that the problem is not currently rectifiable, take action to ensure that the firearm is not capable of discharging a round and is in a safe condition before it leaves the range. The Range Officer may seek the advice or assistance of other competitors with a thorough knowledge of the workings and construction of the firearm concerned.

M 5 PARTS BREAKAGE

When it can be established that the cause of an accidental discharge is due to the actual breakage of a part of the firearm and the competitor has fulfilled all the normal safety requirements adequately, the competitor will not be disqualified. However, no re-shoot shall be allowed.

M 6 FIREARM REPLACEMENT

In the event of a serious firearm malfunction, a replacement firearm of the same style and class can be used for the remaining matches with the approval of the Match Director or Arbitration Committee.

M 7 SCORING

Where matches allow, score sheets should be signed by the competitor immediately after scoring, the act of which precludes an appeal regarding points scored. Score sheets not signed within a reasonable time will be deemed to be accepted by the competitor. Competitors creating a disturbance while scoring is taking place may be penalised; e.g. by loss of lowest scored shot.

M 8 SCORING EXCESS HITS

When, in any match, the total number of hits on a competitor's target or targets exceeds the number of shots fired and when there are no means of identifying these shots then the following procedure will be followed.

1. If it can be proved that the excess hits were made by the competitor, the score may be disallowed.
2. When the number of excess hits does not exceed one half of the number of shots allowed, and in any case if the error is not discovered immediately, the score will be adjusted by cancelling hits of the lowest value then highest value alternately until the hits left are equal to the shots that should have been fired.
3. When the number of excess hits exceeds one half of the number of shots allowed, the score will be cancelled and the competitor will re-shoot, including compulsory sighters if any.
4. When a competitor has more than one target and there are no excess hits in total, but excess hits on individual targets then extra hits will be cancelled in the order stated in 2) above

M 9 RESHOOTS

When the competitor is unable to complete the stage/course of fire for whatever reason, other than range equipment failure, the competitor's target shall be scored in the normal fashion but the competitor will not be allowed to re-shoot the stage/course. Where range equipment malfunction prevents any competitor from completing a stage/course or the competitor has received incorrect instructions on the course of fire from a match official on the firing line, then the affected competitor shall be entitled to a re-shoot of that stage/course.

M 10 APPEALS/PROTESTS

Any appeals regarding behaviour or wrong directions given by the Range staff must be made at the end of that match and before scoring. Any other protests must be lodged within 30 minutes of the results being posted or before scores are signed off. Protests must be made in writing outlining all points relating to the protest and be accompanied by the announced Protest Fee. This fee will be refundable if the protest is proved to be justified. If the Match Director cannot resolve the protest, then the Arbitration Committee will consider it.

M 11 SHOOT-OFFS

Match ties that are to be settled by a shoot-off, should, if possible, attempt to test the same skills in the shoot-off as in the event or match concerned.

M 12 SHOOTERS' CONDUCT

All persons are expected to conduct themselves in a sporting manner. Unsporting conduct or any action that may bring the sport into disrepute is grounds for disqualification from the match or competition. Warnings, penalties and disqualification are not limited to safety matters, and may be issued for actions such as disturbance or annoyance of match officials, repeated failure to patch targets or delaying of matches, etc.

APPENDIX ONE

RIFLE MATCHES (CORE)

These are matches currently in most use at the time of this edition of the Service Match Code. All competitions should include a majority of these standard matches. This is not an exclusive list and the development and use of other matches is encouraged. A number of other matches are also in current use.

Sighters should be provided at each change of distance as a minimum. More may be provided at the Range Officer's discretion.

Match 1/2/3 – Trinity

| | |
|------------------------|--|
| Ammunition | 15 rounds in 3 x 5 round magazines or clips. |
| Comment | No shooting aids |
| Targets | Fig 12 |
| Range | 100 or 150 or 200 metres or yards |
| Time | 1 minute per position |
| Highest possible score | 75 |

1. Five shots standing. Reload.
2. Five shots kneeling, sitting or squatting. Reload.
3. Five shots prone.

Adequate time shall be given to reload and change position. This COF may also be shot as a non-stop or rapid match with a total time of 60, 75 or 90 seconds.

Match 4 - Action-M

| | |
|------------------------|--|
| Ammunition | 10 rounds in 2 x 5 round magazines or clips. |
| Comments | No shooting aids |
| Targets | Fig 12 |
| Range | 100 metres or yards |
| Time | 60 seconds semis 75 seconds bolt action |
| Highest possible score | 50 |
| | |

1. Start standing with unloaded rifle on the ground.
2. On start signal go prone and load.
3. 2 shots prone
4. 2 shots standing.
5. 1 shot kneeling or sitting. Reload. 1 shot kneeling or sitting.
6. 2 shots standing.
7. 2 shots prone.

Match 5/6/7 – Snap

| | |
|----------------|--|
| Ammunition | 10 rounds – 1 or 2 magazines or clips |
| Comments | No shooting aids at 100/200, sling OK at 300 |
| Targets | Fig 12 100/200; Fig 11 or B type at 300 |
| Range/Position | 100 metres/yards Standing; 200 metres/yards sitting, kneeling or squatting; 300 metres/yards prone |
| Time | 1 shot in 3 (100),4 (200) or 5 (300) second exposures |
| Max score | 50 |
| Comment | Delay after 5 shots for reload – if needed for bolt or A cat rifle |

Match 8/9/10 – Double Snap

| | |
|----------------|--|
| Ammunition | 10 rounds – 1 or 2 magazines or clips (if 2 load 4 and 6) |
| Comments | No shooting aids at 100/200, sling OK at 300 |
| Targets | Fig 12 100/200; Fig 11 or B type at 300 |
| Range/Position | 100 metres/yards Standing; 200 metres/yards sitting, kneeling or squatting; 300 metres/yards prone |
| Time | 2 shots in 5 (100),6 (200) or 7 (300) second exposures |
| Max score | 50 |
| Comment | Delay for reload after 4 shots (2 exposures) – if needed for bolt or A cat rifle |

Match 11/12/13 – Rapid

| | |
|----------------|--|
| Ammunition | 10 rounds – 1 or 2 magazines or clips |
| Comments | No shooting aids at 100/200, sling OK at 300 |
| Targets | Fig 12 100/200; Fig 11 or B type at 300 |
| Range/Position | 100 metres/yards Standing; 200 metres/yards sitting, kneeling or squatting; 300 metres/yards prone |
| Time | 10 shots in 30 seconds – Bolt actions 50 seconds |
| Max score | 50 |

Match 14/15/16 – Application

| | |
|----------------|---|
| Ammunition | 10 rounds – 1 or 2 magazines or clips |
| Comments | No shooting aids at 100, sling OK at 200/300/500 |
| Targets | Fig 12 100/200; Fig 11 or B-type at 300; A-type at 500 |
| Range/Position | Prone at all distances, or any other position as chosen |
| Time | 10 shots in 1, 2, 3, or 5 minutes |
| Max score | 50 |
| Comment | All shots fired in one string and scored as such |

Match 17/18 – Precision

| | |
|------------------------|---|
| Ammunition | 10 rounds |
| Comment | Slings and spotting scopes may be used. |
| Target | ISSF Pistol 25/50 m Precision |
| Range | 100/200 metres/yards, prone. |
| Time | 1/2 minutes for 10 shots |
| Highest possible score | 50 (on target score halved after totalling) |

Match 19 – Beersheba

| | |
|------------------------|--|
| Ammunition | 12 rounds |
| Comment | Slings and spotting scopes may be used. No coaching. |
| Target | Type B |
| Range | 300 metres/yards |
| Time | 45 seconds per shot |
| Highest possible score | 50 |

Match 20 – Sgt Nicholas VC

| | |
|------------------------|--|
| Ammunition | 12 rounds |
| Comment | Slings and spotting scopes may be used. No coaching. |
| Target | Type A |
| Range | 500 metres/yards |
| Time | 45 seconds per shot |
| Highest possible score | 50 |

1. Matches **19** and **20** are deliberate or NRA-style matches. All shots are individually indicated and scored. Scores are recorded and called by an observer.
2. Observer may not comment on shot placement.
3. Two compulsory non-convertible sighters followed by ten shots for record.
4. All rounds to be fed from magazine

Match 21 – Ardmore Turnaround

| | |
|------------------------|--|
| Ammunition | 1 x 5 round 1 x 10 round magazine or clip. |
| Comments | No shooting aids |
| Targets | Fig 12 |
| Range | 100 metres/yards |
| Time | 30 seconds; Bolt actions 75 seconds |
| Highest possible score | 75 |

1. Rifles on ground, bolt closed on empty chamber, magazines out
2. Start standing back to target. When target appears adopt prone position, load 5 round magazine first and fire 5 shots,
3. Replace with 10 round magazine and fire 10 shots.
4. A Cats can load 7 plus 7 rounds.

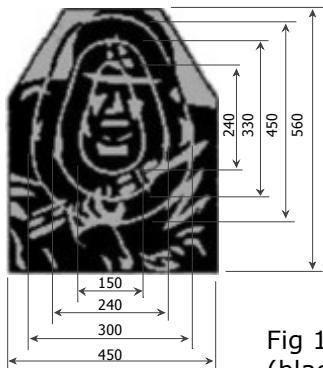
Match 22 Kaitoke Turnaround

| | |
|------------------------|---|
| Ammunition | Bolt actions 10 rds, semi autos 20 rds. |
| Comments | No shooting aids |
| Targets | Fig 12 |
| Range | 100 metres/yards |
| Time | 20 seconds |
| Highest possible score | 50 |

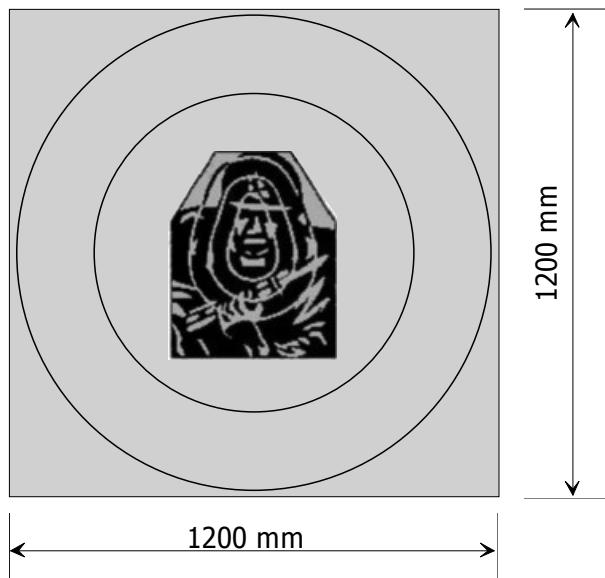
1. Start Positions: Bolt actions fully loaded, inc chamber, bolt handle raised.
2. .30 cal or similar semi autos: Magazine in and rifle chambered, safety catch on.
3. .223 semi autos. Magazine out, bolt closed on empty chamber.
4. Shooter starts 2 metres back from and facing away from mat, firearm staged on mat as above. On command, drop and engage targets. Semi auto's score is halved

Appendix Two

TARGETS

Fig 12 Target
(black and yellow)Figure 11 Target
(black and yellow)

Type A/B "4 foot" Target (Black and Yellow)



ISSF Pistol 25/50 m Precision target

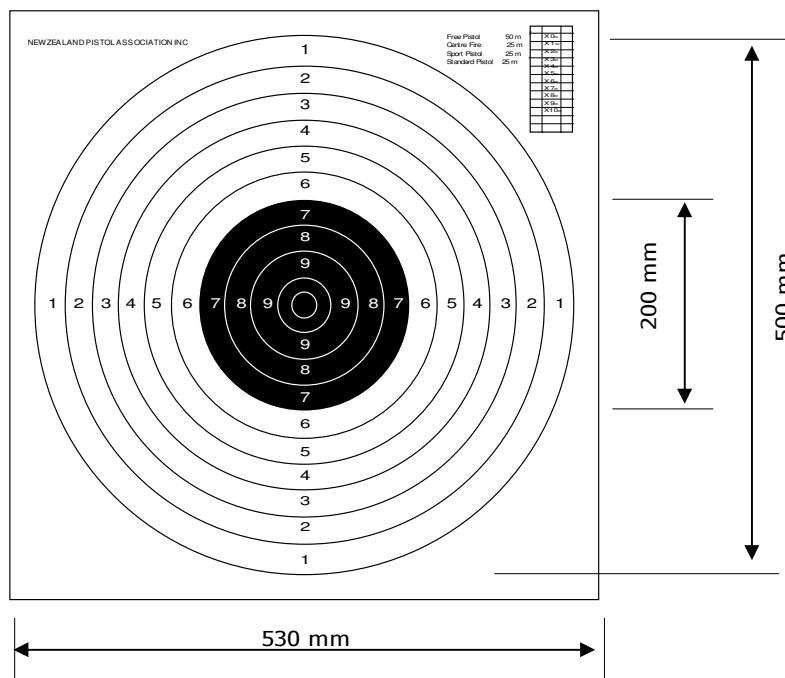


Fig 12 is used at 100 and 200 m (yds) Fig 11 is used at 300 m (yds)
ISSF 50 m Pistol used at 100 and 200 m for Precision Match

"4 foot" target is a 1200 x 1200 mm yellow/orange square with a Fig 12 in the centre.
There are 2 scoring zones outside the centre. This target is designated Type A or Type B
Type B is used at 300 m and scoring zones from centre out are designated V-Bull (5 pts),
5, 4, 3, 2.

Type A is used at 500 m and beyond and scoring zones from centre out are designated V-Bull (5 pts), V, 5, 4, 3 i.e. each zone scores an extra point at 500 m on.

APPENDIX THREE**NEW ZEALAND SERVICE RIFLE CHAMPIONSHIPS
STANDARDS**

"As Issued/General Issue" is a term often applied to rifles, pistols, shotguns sights or ammunition. It is meant to help differentiate between an item that is in its original, military manufactured condition and before any modification by units or users. A No4 Mk1 Lee Enfield could easily have this term applied to it to differentiate it from a rifle that has been modified for target shooting by rebarreling, bedding or the addition of after market sights and sling. The term is not meant to allow obscure or limited-use items that are intended to gain a competitor some advantage. In all cases, the advantage rule, or a published specification such as contained in this document will take precedent over any presented reason.

ELIGIBILITY

All firearms that meet Equipment standard, section E1 will be eligible to compete in the New Zealand Service Rifle Championship. In the event of dispute concerning a rifle or part the "**advantage**" rule is applied, i.e. is any advantage gained by use of the rifle or part over the accepted standard form of that firearm?

If so the rifle or part is ineligible, or it goes into Open Class.

The onus will be on the competitor to provide proof of compliance if requested for any firearm, sight, part, or fitting that has not been previously approved for competition in Service Class. This decision may be made following an application to the Technical Committee before a competition, or if no application is made before the competition, by the Match Director on the day. These decisions are final.

SERVICE RIFLES CLASSES (See also Appendix 4)

The New Zealand Service Rifle Championship will have four classes of rifle.

1. Service Class semi-auto optics. *See appendices 4 and 5 for detail*
2. Service Class semi-auto open sights. *See appendix 4 for detail*
3. Service Class bolt action *See note below*
4. Service Class open *See note below*

Any firearm that does not fall within Classes 1-3 may be considered eligible for Class 4 - Open. A list of specific approved rifles or modifications that are considered necessary to be documented for Classes 1 and 2 is contained in Appendix Four.

Note that shotguns and pistols are only permitted to fall into Service Class - open sights.

Bolt Action Service Rifles

To shoot in Service Class bolt action rifles must be essentially as originally issued. This means that modifications such as provided on sniper rifles, optical sights, modified triggers, or after-market barrels are not allowed for Service Class and bolt action rifles with any of these will shoot in Open Class.

Open Class Service Rifles

Essentially this includes all firearms that cannot because of design or modification fit into any of the other three classes. This would include bolt action rifles modified for target work, DMR/sniper rifles and hunting rifles. In Open Class there are no rules or limits as to ammunition use and a service rifle using match ammo would also be classified as Open Class. Note that the competitor is still expected to keep their rifle in the same state throughout the competition and cannot change features such as optics or grips or ammunition to suit a particular match. They are also expected to shoot to the match conditions, e.g. “unsupported” does not permit the use of a bipod on an Open Class rifle any more than on a Service Class rifle.

SERVICE CLASS SHOTGUNS

Service Class shotguns must meet the following requirements.

1. The shotgun must have a barrel not longer than 22".
2. The barrel may have interchangeable chokes; however these must be smoothbore and are not to be changed during the competition.
3. The shotgun may only have iron sights.
4. Extended magazines must not reach beyond the end of the barrel.
5. Competitors may leave fitted, but may not use, any device that holds ammunition on the firearm or allows speed-loading, (e.g. A side-saddle or speed-loading gate), and this must be empty.
6. The Shotgun may not have enhancement modifications. (e.g. Oversize cocking handles)
7. The Shotgun may not have extra weight added to it.
8. Shotgun to be 12 gauge only.

SERVICE CLASS PISTOLS

Service Class Pistol is open to all handguns that were manufactured for the purpose of being a service or duty firearm. These handguns are not to have external modifications (such as extended magazine releases, etc.). Sights are to be low profile combat type

STOCKS

Stocks may be repaired to bring them back to original condition. If stocks of different length of pulls were offered for the specific rifle in question, they may be fitted as suits the shooter. No other modification is allowed to the stock and no repair shall be of a type that enhances the inherent accuracy of the rifle as issued unless it was a generally accepted standard modification for general use.

SIGHTS (SEE ALSO APPENDIX 5)

Sights may be maintained to keep them in good working order and may be replaced with alternative sights, as offered for that rifle, as long as they are of a combat type and not intended only for competition.

BARRELS

As barrels wear out they may be repaired or replaced. If genuine replacements are not readily available in New Zealand they may possibly be replaced with

after-market barrels as long as they conform as close as practical to the original specs and contours. All barrels and chambers must accept and be capable of feeding, firing and cycling general issue military ammunition of the appropriate calibre. Stainless steel barrels and match designated versions are not permitted. In the case of bolt action rifles, reason must be given as to why an expensive rebarreling operation was carried out over preference to buying another rifle. Note that rebarreling a bolt action military rifle may exclude it from matches that require "as issued" firearms.

MAGAZINES

Magazines may be repaired and maintained but must not be modified in any way that changes their function or to gain advantage over the standard form. Magazines of greater than seven rounds capacity may not be fitted to an A category rifle.

ACCESSORIES

No competitor may add items, unless specified, to their firearm that could be considered as providing advantage either by providing a superior grip, accuracy or recoil control. This includes muzzle brakes, flashlights, lasers, secondary optics, rifle mounted magazine holders etc.

AMMUNITION (SEE ALSO APPENDIX 6)

Ammunition may be reloaded; however, for Service Class competition the bullet weights and muzzle velocities for any ammunition used must be as close as practical to that of general issued service ammunition.

NB: Match style projectiles (e.g. Mk262, TAP etc) are NOT permitted, even if used by military or police.

- Rifle projectiles should be of a FMJ style.
- Handgun projectiles must have a rounded ("ball") profile.
- The use of moly coated projectiles is not allowed.
- All ammunition must be capable being magazine fed and fired from any service class firearm of the same calibre.

APPENDIX FOUR

SEMI AUTOMATIC RIFLE SPECIFICATIONS (JAN 2008)

Because of difficulty with the interpretation of the term "As Issued General Issue" when applied to modern MSSA rifles the NZSRA has decided that it would issue the allowed specifications for the rifles most commonly used in NZSRA national competitions.

The purpose of this specification list is threefold;

1. The clear and unambiguous description of what is and is not acceptable as regards MSSA service rifles and accessories.
2. To recognise the ability of all modern MSSA type rifles to mount optics.
3. The levelling of the playing field so that shooters who choose rifles other than an AR-15 are able to become more competitive.

This list does not cover all rifles nor does it extend to bolt action rifles. Bolt action rifles remain "Iron Sights" only and, as with semi-autos not listed, are covered by the "As issued General Issue" regulations.

AR15:

NB: "standard" refers to features and or parts identical (fire control components to be NZ legal for an MSSA) to those that make up such rifles as the military issue Bushmaster shown. Any acceptable variation from the "standard" is detailed below. Under no circumstances will National Match or accuracy enhanced models be considered as standard regardless of their use in other countries by military or civilian agencies



Upper Receiver: A1, A2 or Flat Top A3/A4. No Match style, high rise, or similar receivers allowed. Milspec standard A1/A2 style charging handles only.

Lower Receiver: A1/A2 style with standard Milspec controls. No extended magazine, bolt or safety levers. A left handed safety may be fitted if it is the same type as the safety on the right hand side of the rifle. Magazine wells may not be modified.

Barrel: No stainless or match/target use intended barrels allowed. Chamber is to be 5.56 NATO, SAAMI STD .223 Remington or a chamber that will feed all Milspec ammo. Barrel diameter is based on A1, A2 or commercial A2 HBAR styles. The Front sight block must be of the A1/A2 design and be pinned to the barrel. Twist rates from 1/7 to 1/12 are acceptable.

Stocks: A1, A2 and CAR/M4 butt stocks are acceptable. Hand guards may be A1, A2 or Knights Armament RAS style fore ends. Free floating of the barrel is not permitted. Pistol grip is to be A1 or A2. Hogue and other accessory pistol grips are not allowed.

Trigger: Milspec standard A1/A2 style with a single stage release; no match single or 2 stage triggers may be fitted. Note: pull weight for a standard AR15 trigger is 5.5-8 pounds. No aftermarket spring kits or lightened components allowed

Magazine: Any capacity up to 30 rounds. Magazine must not be modified to allow hand loaded ammunition to be seated further out. New style anti tilt followers and Mag-Pull bases are acceptable.

Open Sights: A1/A2 sights, flat top receivers may use a carrying handle sight or a clip on Milspec type of sight. Front post must be a minimum of 0.050 inch and rear peephole sizes are to be no smaller than A2 Milspec standard. Sights that co-witness with an Aimpoint style scope are acceptable. Fibre optic or "Hi Viz" type front posts are not acceptable.

Scope Mount: Any commercial or military mount that attaches to the receiver is acceptable. Mounts that attach to the carrying handle and place the optic in front of the receiver and just above the hand guards are acceptable.

SIG 550/PE90:

Upper Receiver: SIG issue standard upper receiver. No extended or modified cocking handles.

Lower Receiver: Standard Milspec lower. No extended magazine, bolt or safety levers.

Barrel: No stainless barrels allowed. Chamber is to be 5.56 NATO or a chamber that will feed all Milspec ammunition. Barrel diameter is based on standard SIG550/PE90 dimensions. The Front sight block must be of the standard design and be pinned to the barrel. Twist rates of 1/7 to 1/10 are acceptable. Rifle must have a flash suppressor.

Stocks: Standard Sig550/PE90 stocks, pistol grips and hand guards must be used. The fore-end may be replaced with a Brugger & Thomet 21051 4 rail guard. Free floating of the barrel is not permitted.

Trigger: Milspec 550/PE90 style with a two stage release, no match or single stage triggers may be fitted. Minimum pull weight must be 6.5 pounds.

Magazine: Any capacity up to 30 rounds. Magazine must not be modified to allow hand loaded ammunition to be seated further out.

Open Sights: Standard Milspec, the standard issue flip up night sights are permitted.

Scope Mount: Any commercial or military mount that attaches to the receiver is acceptable.

M14/M1a/Norinco M305:

Receiver: Standard Milspec, "Rear or Double lug" National Match types are not acceptable.

Barrel: No Stainless or match barrels allowed. Diameter and profile must be the same as Mil Spec M14 barrels. Heavy barrels are not allowed. Chamber may be 7.62 NATO or 308 Winchester. Chamber must feed all Milspec ammunition. Barrel should be fitted with a Milspec Flash eliminator; muzzle brakes of any type are not permitted. Norinco M305 style flash suppressors are acceptable. Twist rates from 1/10 to 1/12 are acceptable.

Stock: Stock must be of Original USGI profile (not the E2 Variant) and may be made of wood or fibreglass. The USGI fibreglass stock is the only acceptable synthetic stock. No match or competition style stocks are allowed. This includes but is not limited to McMillan, JAE and Sage stocks. It is acceptable to shim up the area between the trigger guard pressure pads and the lower part of the stock where the two parts touch to allow sufficient tension for firm bedding of the stock and receiver. However bedding of the receiver to the upper surface of the stock is under no circumstances allowed. Free floating of the barrel is not allowed.

Trigger: Milspec 2 stage trigger. Trigger pull should have a minimum pull weight of 5 pounds.

Magazine: Any capacity up to 20 rounds. Magazine must not be modified to allow hand loaded ammunition to be seated further out.

Open Sights: Standard Milspec, National Match sights are not permitted. Fibre optic or "Hi Viz" type front posts are not acceptable.

Scope Mount: Any commercial or military mount that attaches to the receiver is acceptable.

AR10:

Note: This specification covers original and the modern versions of AR10s. The two will be differentiated by the terms "Original" and "Modern".

Upper Receiver: "Original" versions may use an upper receiver based on the original carry handle design. Scopes, if used, should be mounted to the carry handle. "Modern" AR10s can be fitted with A1, A2 or flat top. No match style, high rise, or similar receivers allowed. Milspec A1/A2 style charging handles only

Lower Receiver: "Original" or "Modern style" with standard Milspec controls. No extended magazine, bolt or safety levers. A left handed safety may be fitted if it is the same type as the safety on the right hand side of the rifle. Magazine wells may not be modified.

Barrel: No stainless barrels allowed. Chamber may be 7.62 NATO or 308 Winchester. Chamber must feed all Milspec ammunition. Barrel diameter is based on either the "Original" barrel diameter or in the case of a "Modern" the barrel profile must be of the same type as fitted to Factory DPMS and Armalite guns. The front sight block must be of the A1/A2 design and be pinned to the barrel. Twist rates from 1/10 to 1/12 are acceptable.

Stocks: All "Original" style stock assemblies are acceptable, (Portuguese, Transitional and Sudanese).

"Modern" Hand guards must be of the AR-15 A2 style. Free floating of the barrel is not permitted. Pistol grip is to be AR-15 A2. Hogue and other accessory pistol grips are not allowed. Butt Stocks can be of the AR-15 A2 or M4 type.

Trigger: Milspec with a single stage release, no match or 2 stage triggers may be fitted. Minimum pull weight is 5.5 pounds.

Magazine: Any capacity up to 20 rounds. Magazine must not be modified to allow hand loaded ammunition to be seated further out.

Open Sights: For "Original" the original sights as fitted are acceptable. "Modern" Flat top receivers may use a carrying handle sight or a clip on Milspec type of sight. Front post and rear peep-hole sizes are to be no smaller than AR-15 A2 Milspec. Sights that co-witness with an Aimpoint style scopes are acceptable. Fibre optic or "Hi Viz" type front posts are not acceptable.

Scope Mounts: "Original" rifles with Flat top conversions are not acceptable. Mounts that attach to the carrying handle and place the optic in front of the receiver and just above the hand guards are acceptable.

SLR/L1A1/FN FAL:

Note: All FAL style rifles are covered under this specification:

Upper Receiver: Must be original unmodified with dust cover. The dust cover may be replaced with an aftermarket cover that allows the mounting of a scope. The dust cover must be able to be removed and may not be permanently attached to the receiver

Lower Receiver: Standard Milspec lower. No extended magazine, bolt or safety levers.

Barrel: No stainless barrels allowed. Chamber is to be 7.62 NATO or a chamber that will feed all Milspec ammo. Barrel diameter is based on standard L1A1/FAL dimensions. The front sight/gas block must be of the standard design. Twist rates of 1/10 to 1/12 are

acceptable. Rifle must have a flash suppressor. L1A2, Israeli Heavy barrels and similar heavy barrels are not permitted. Free floating of the barrel is not permitted.

Stocks: All original stocks are acceptable. This includes L1A1, wooden and plastic stock sets, FN wooden and plastic stock sets and FN G1 metal fore ends. The Israeli wood and metal fore-ends are acceptable. FN "Para" folding stocks are acceptable.

Trigger: Milspec 2 stage trigger. Trigger pull should be between 5 and 8 pounds.

Magazine: Any capacity up to 30 rounds. Magazine must not be modified except when an L1A1 magazine is modified to work in a FAL.

Open Sights: Standard Milspec, including C1A1, and Hythe pattern sights. Fibre optic or "Hi Viz" type front posts are not acceptable.

Scope Mounts: Replacement dust cover scope mounts and mounts that attach to the side of the receiver are acceptable.

AK47/Norinco 56/84/Valmet/Galil/LM4:

Upper Receiver: Must be original unmodified with dust cover. The dust cover may be replaced with an aftermarket cover that allows the mounting of a scope. The dust cover must be able to be removed and may not be permanently attached to the receiver.

Lower Receiver: Standard Milspec lower. No extended magazine, bolt or safety levers.

Barrel: Must feed the appropriate Milspec ammunition. Barrel dimensions must conform to Milspec issue barrels. Twist rates should conform to the Milspec rate.

Stocks: All original stocks are acceptable. Due to the number of variations in AK stock design it is up to the shooter to submit any unconventional or aftermarket stocks to the NZSRA for approval at least 2 weeks before a competition. Free floating of the barrel is not permitted.

Trigger: The trigger must be un-modified and should be a 2 stage design with a minimum pull weight of 4.5 pounds.

Magazine: Any capacity up to 35 rounds, and the magazine may be modified to fit different AK variants e.g.: Norinco 84s to Valmet.

Open Sights: Standard Milspec; Fibre optic or "Hi Viz" type front posts are not acceptable.

Scope Mounts: Replacement dust cover scope mounts and mounts that attach to the side of the receiver are acceptable.

Please note this is a "living document" and will be updated to reflect changes to the needs of our members and new rifles and optics. If you have a rifle or optic not listed it is your responsibility to make contact with the NZSRA before a competition to determine eligibility. Rifles ineligible for Service Class will be placed in Open Class.

Notes on rifle Addenda

- a) *Because the rifles in the above list are not required to comply with the previous 'as issued' rule, they will be required to be 'as manufactured'*
 - b) *Additions to this list will be made by the New Zealand Service Rifle Association Technical committee.*
 - c) *Applications for additions to this list require the applicant to furnish such information concerning the firearm as may be requested.*
-

APPENDIX FIVE

OPTICAL SIGHT ELIGIBILITY LIST (JAN 2008)

Any of the following optics may be fitted to any eligible MSSA Service rifle. The acceptable mounts are noted (where applicable) in the rifle specification list.

- ELCAN C79 & M145m4
- Trijicon 4x ACOG, Reflex and Chinese copies.
- Colt type 3 and 4 power scopes including Chinese copies.
- Aimpoint Red dot scopes and Chinese copies.
- Eotech Holographic sight.
- Trilux.
- British SUSAT.
- Hensoldt Wetzler and ZF 4 x24 (G3 scopes).
- US Optics SN12 4 power.
- IOR 4x24 M2 & M1
- Russian POSP type 4 power scopes.

Note that the 3 and 4 power magnifiers that fit behind the Eotech and Aimpoint sights are eligible but if they are fitted they must stay on the rifle for the duration of the competition. Note: some mounts allow the magnifier to be swung to one side to give an unimpeded view of the red dot scope. This is not permitted during competition.

Any battery operated sights must remain on the rifle even if the battery fails; it is up to the shooter to change the battery and no extra time will be given for this.

All scopes must stay on the rifle for the duration of the competition. Co-witnessing of red dot/holographic sights with iron sights is acceptable; however the scope must be switched on and easily visible in daylight for the duration of the competition.

The list purposely omits variable power scopes; the established military scopes are all fixed between 1 and 4 power; to this end NZSRA will not disadvantage existing shooters by allowing variable power scopes and civilian hunting or target scopes in Service Class.

APPENDIX SIX

NATIONAL COMPETITION SERVICE AMMUNITION SPECIFICATIONS

Ammunition used must be of a type that is as close as possible to as issued ball rounds in any given calibre, and the use of any match, target, moly-coated or varmint type ammunition (factory or reloaded) that gives an advantage over issue ball ammunition is not allowed. Soft point or hunting designated projectiles may be used if approved by the CRO & MD. (This is so as to not disadvantage visitors or users of odd calibre rifles).

This is to ensure a level playing field across the sport. In the case of older rifles (i.e. SMLEs, Long Toms etc) the reducing of loads is desirable due to safety reasons but ammunition must not, in any case, be loaded down to such a level that the shooter gains a recoil/recovery advantage over users of as-issued ball.

FACTORY AMMUNITION:

- 1) Projectile style to be FMJ.
- 2) Projectile weight must be within \pm 6% of the standard issue ball round (see appendix)
- 3) Rifle ammunition OAL should be within \pm 5 mm of standard issue ball.
- 4) With odd calibres (e.g. 7.62 x54) 'civilian equivalent' rules can apply where military ball is unavailable or not practical. CRO and MD have the final say.
- 5) Minimum loading for 12 gauge rounds must be 1 oz with 7 1/2 or 8 (28 gm equivalent.) shot size up to 1 1/4 oz No 4 shot size (36 gm equivalent) for static clay target use. (American shot sizes quoted).

RELOADING:

- 1) Projectile style to be FMJ.
- 2) Components and OAL must adhere to the same rules shown above.
- 3) Velocity of reloaded ammunition must be similar to factory levels.
- 4) All ammunition used must be loaded to safe operating pressures and samples can be requested at any stage by the match director.
- 5) All ammunition used must function with/feed from a Milspec magazine of the given calibre.

Permitted projectile exceptions:

Taipan 170 grain HP & HPBT .312

Remington 180 grain RNSP .312

Hornady 174 grain RNSP .312

Hornady 55 grain spt .224

Remington 55 grain spt core loc .224

BALL AMMUNITION GUIDE

Source: Cartridges of the World, 5th Edition, TM43-00001-27

5.56 NATO (OAL 57mm)

M193 55 grain FMJBT @ 3250 fps
M855 62 grain FMJ BT @ 3025 fps

6.5 x 55 Swedish Mauser (OAL= 78.5mm)

139 grain FMJ BT @ 2625 fps

7x57 Mauser

173grain FMJ @ 2296 fps (Spain)
139 grain FMJ @ 2950 fps (Brazil)

.30 M1 Carbine (OAL= 42.5mm)

110 grain FMJ RN @ 1900 fps

7.62 x 51 NATO (OAL = 71mm)

M59 150.5 – 155.5 grain FMJ @ 2750 fps

30/06 (OAL = 85mm)

M2 ball 152gr FMJ @ 2740 fps
M1 ball 172gr FMJBT @ 2640 fps

.303 British (OAL = 77mm)

MK VII 174 grain FMJ @ 2440 fps
MK VI 215 Grain FMJ RN @ 1850 fps (black powder load)

7.5X54.4 (Swiss) GP1890

190gr FMJRN @ 2050fps GP1890
174gr FMJBT @ 2640fps GP11

7.62x54R (Russian) (OAL = 76.5mm)

147 grain FMJBT@ 2886 fps

7.62 x39 (56mm)

M43 122 grain FMJ @ 2329 fps

7.92 x57 Mauser (OAL = 80mm)

154 grain FMJ @ 2880 fps

9 x 19mm

M882 112gr FMJRN @ 1263 fps

.45 ACP

M1911 234 gr FMJ RN @ 855 fps