



Maple Leaf Marksmen Rifle and Revolver Club

Welcome to the
New Member Firearms Safety Course

IMPORTANT!

Does anyone have any
ammunition in the room?

If so, remove it **NOW!**

IMPORTANT!

When calling 911
The address of the club is
1102 - 11th Street Louth
St. Catharines

Emergency Equipment

First Aid Kits

Automated External Defibrillators (AED)

Fire Extinguishers

Washrooms

Men – Porta-Poti – Near Indoor Range

Women / Handicap – Near BBQ Area

Administration – Instructor Checklist

- Waiver
- Guest ID Card
- Name Tag
- Sign -In

RANGE TOUR

- Instructor break class into 2 groups of 4
- One instructor to start in indoor range
- Second instructor to start on the outdoor range

Purpose of the training

The purpose of this training is to help introduce you the prospective members to the sport of shooting.

This will allow any new shooter to determine if this is the sport for you.

This will allow you to determine if this is the club for you.

It also aids us in identifying those people the club feels may not be a good fit with the Mapleleaf Marksmen family.

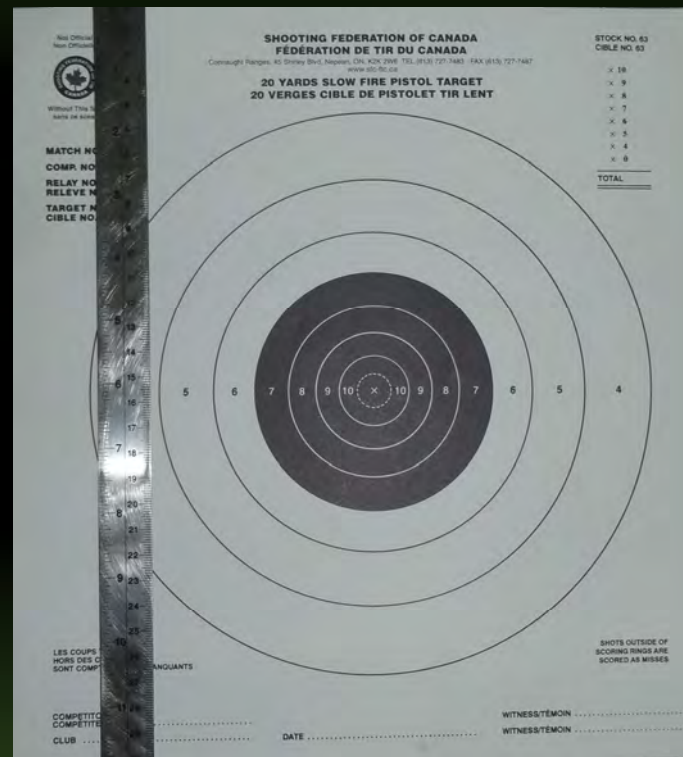
Attitude is key to a successful, safe, and enjoyable shooting environment for our members.

It's a long road, but it will help us all enjoy and keep what we have here.

Course requirements

- Complete the theory portion of the New Member Firearm Safety Course
- Complete a minimum of 3 Satisfactory Practical range sessions with an instructor
- Pass a practical shooting test indoors at 20 yards and score 10/10 on the paper of a #63 or #64 Target.
- At least one of the 3 minimum shoots must be outdoors, only after passing the shooting test.
- Complete a range lockup and shut down walk through with an instructor. (Not necessary to actually complete, just walk and talk through as if all ranges are open and go through all the motions)
- Pass a verbal test of all the material covered during training.
- Approval for membership will be assessed following completion of all training and testing. Only those students that present a satisfactory understanding of the Rules & Policies; demonstrate good safety habits; and present a suitable attitude will be offered membership in the club.

#63 or #64 Target – 11” x 12”



Course requirements

Day 1 – Classroom Theory & Range Orientation

Day 2 – Indoor Range – Practical application of classroom theory including malfunctions – Attempt the Shooting Test if the instructor is confident the Candidate can succeed.

Day 3 – Indoor Range - Practical application of classroom theory including malfunctions – Shooting Test if still required – Introduction to range lockup procedures

Day 4 – Outdoor Range – Student will arrive and setup the range and safety shoot a “modified Polar Bear Shoot” This will prepare students to participate in the Sunday Morning Polar Bear shoot. The Modification is that at the end of each round a new member shall complete a safe line check, there will be members there during the shoot to try and trip you up.

Training equipment

- To complete this training students will require
 - 22LR rifle - Students may use their own rifle, if the student does not own a 22LR rifle, a rifle may be available to borrow for each shoot (\$20/session).
 - Who already owns or has access to a 22 calibre rimfire rifle,
 - Who will need to borrow a rifle?
 - 22LR ammunition approx. 300 to 500 rounds (student must provide unless borrowing a firearm)
 - Hearing protection - Over the Ear style (Electronic Recommended)
 - Eye protection
 - Dress for the weather - expect to be outside for up to 2 hours in any weather.
 - Avoid sandals and low cut shirts when shooting – hot brass can be uncomfortable against the skin
 - Paper and Pen to take notes.
 - Refreshments - our kitchen is not always open.

Course Content:

- Basic review of Acts & Prove
- Basic Firearms Types
- Club Rules and Policies
- Range Safety Procedures
- Shooting Fundamentals

Acts & Prove

- A - Assume every firearm is loaded
- C - Control the direction of the muzzle
- T - Keep fingers away from the trigger
- S - See the firearm is safe – Prove it

Acts & Prove

- P - Point the firearm in a safe direction
- R - Remove all ammunition
- O - Observe the Chamber
- V - Verify the feed path
- E - Examine the bore

Basic Firearms Types

- Bolt-action – most popular action at the club
- Lever-action – used by a few members
- Pump-action – popular among shotgun shooters
- Break-action – seen occasionally
- Falling block action (Martini) – there are a few on the line
- Semi Automatic-action – second in popularity to bolt action

Bolt Action



Lever Action



Pump Action



Break Action



Falling Block Action



Semi Automatic Action



Club Rules

All shooting at the Club will be done with the main gate being open.

Any member entering on to Club property must ensure that the main gate is open.

The first member entering the Club grounds must change the sign at top of the hill to “Caution Range Open”.

All members must “sign in”.

Print date, time in, first name and badge # on the sheets in the Club House.

Members must wear and display their membership badges when on club property.

The first member entering the Indoor or the Outdoor Range must turn on the safety (GREEN and RED) lights and turn on any other lights as may be required.

Ammunition – Outdoor Range

Steel core (green tip) ammunition is prohibited

Sunday: 9am to sunset (see the Calendar for scheduled events)

Only .22 LR .22 Short, .22 Long rimfire ammunition is permitted on all positions.

Mon to Sat: 9am to sunset

Position 1 - pistol calibre all types

Positions 2 to 7 - pistol calibre all types and any shotgun

Positions 8 & 9 - pistol calibre all types

Position 10 to 12 - .22LR, .22 short, .22 long rimfire

Position 13 to 27 - pistol calibre lead only and lead only shotgun

Position 28 to 29 - Dueling tree bunker - only 22lr ammunition is permitted.

Position 30 & 31 – all calibres, Centrefire rifle cartridges may only be fired on these positions,

Shotgun stand - #7 ½ or greater and the powder charge must not be more than 3 ¼ drams.

Ammunition – Indoor Range

Shotgun & Centrefire rifle shooting is prohibited

Metal Jacketed ammunition is prohibited

Only pistol calibre lead bullets are to be used.

Copper washed ammunition is permitted provided the coating can be easily scraped off with the finger nail. (typically only 22 caliber ammunition is washed)

Target loads only, (+p or +p+) is inappropriate for use in the indoor range

Synthetic jacketed (polymer coating) ammo is permitted i.e Federal Syntech, X-Metal

IF IN DOUBT - DON'T USE IT!!!

Policy and Procedures

- Firearms
- Targets
- Violations
- Liability Insurance
- Personal Injury Report
- Personal Information

Policy and Procedures

All Club members have a responsibility to enforce safe firearms handling.

Any person who deliberately fails to handle and/or discharge firearms in a safe manner or who violates Club rules or who poses a hazard to any other member, any guest or to the safe operation of the Club will be removed from the Club property immediately.

If the actions of a member are reported to the police or Chief Firearms Officer, that member will be advised in writing.

It is highly recommended that eye and ear protection be worn by all shooters and spectators in reasonable proximity to the shooting line.

Policy and Procedures - Firearms

Prohibited firearms that are authorized by legislation and the CFO may be fired at the range.

Only magazines or cylinders with permitted capacities as defined in the firearms act may be utilized at this range.

Black powder - all new black powder shooters will be required to shoot six times with an experienced black powder member to prove their understanding of the safety requirements associated with black powder shooting.

Policy and Procedures – Firearms cont'd

Handguns - after becoming a club member, RPAL holders who would like to shoot handguns at the club are required to complete a handgun safety training course administered by a club-appointed handgun safety instructor before bringing any handgun to the club.

After successfully completing the handgun safety course, handgun shooters are on probation for 1 year. During this period, they may shoot indoors unsupervised and may shoot outdoors only when accompanied by a non-probationary handgun qualified member.

Wearing of holsters is prohibited.

The range is not approved for IPSC/IDPA style shooting.

Policy and Procedures – Firearms cont'd

Shotgun – Outdoors Only

Shooting positions 21 to 31 must be closed to when the shotgun stand is in use.

Before shooting any shotgun from any position, target stands or other objects must be moved from the path of the shot.

When shooting clay birds they are to be fired from the covered stand toward the 70 meter cross range position in such a manner that all pellets are kept within the confines of the Outdoor Range.

The raised shotgun stand must only be used for clay bird shooting and the shot size must not be larger than #7 ½ and the powder charge must not be more than 3 ¼ drams.

Shotguns may be fired at positions 2 to 29 of the 50 meter range and at positions 30 and 31 of the 70 meter range provided that lead only is being used.

If steel shot is being fired, it may only be fired from positions 2 to 7.

The portable shotgun patterning stand must only be used between positions 2 and 7.

Policy and Procedures - Targets

All shots fired must be aimed in such a manner as to cause the projectile to hit the backstop.

Targets are to be posted on fixed target stands only.

Shoot only targets that have been approved by the BOD/Executive.

At no time shall any member or guest discharge his/her firearm at target stands or frames, metal cans, glass bottles, or any such material that may produce dangerous debris or bullet ricochets.

No shooting at wildlife or animals on club property.

No shooting of binary or explosive targets on club property.

No shooting of human shaped targets (includes zombies).

Policy and Procedures - Probation

All new members must serve 1 year as a Probationary Member

The probationary period begins the date club membership is approved.

Probationary members will be identified by the letter “P” prefixed to their membership number on their Club ID.

Probationary members may not supervise any guests

Probationary Members breaking any rules or club policies during their probationary period may be terminated at the discretion of the Club Board without the right to appeal.

Policy and Procedures - Guests

Members may bring a guest on to Club property to shoot but that member is fully responsible to explain all aspects of handgun and/or rifle safety to the guest.

All guests must sign the Club's Release and User Obligations form.

All guests must be signed in on the designated guest sign in form.

All guests must wear a Guest badge and name tag and display it at all times while on Club property.

Guests of probationary members can only be "signed in" and supervised by a **FULL CLUB MEMBER**.

Policy and Procedures - Guests

A person may only attend the Club property to shoot as a guest on three separate occasions. If guests wish to attend and shoot on Club property after three times, the guest must apply to become a Club member.

All shooting done with a guest must be on a “one on one” basis meaning that when the guest is shooting, the member is watching. If the member is shooting, the guest is watching.

Policy and Procedures - Guests

If more than one guest is brought to the Club to shoot, only one firearm may be in use at any time.

Guests may only shoot one shot at a time until the member supervising the guest can verify that the guest can properly handle the firearm being used and hit the target being aimed at.

Guests can only shoot handguns in the Indoor Range when signed in and supervised by a FULL CLUB MEMBER who has successfully passed the Club Level Handgun Safety Course and is NOT on probation.

Policy and Procedures - Violations

The club executive, depending on the severity and frequency of the violation(s) may issue at their discretion verbal warnings, written warnings, a suspension of range privileges or termination of the offender's club membership.

If the actions of the member are reportable to the police or chief firearms office, such report will be made in writing to the member.

Any member disciplined by the club executive may choose to appeal the decision at a meeting of the club board of directors. The result of this appeal shall then stand as a final decision.

It is the member's responsibility to be aware of and abide by all current firearm laws as it applies to them and/or the club

Policy and Procedures – Personal Injury Reporting

If any personal injury to any person is caused by the discharge of a firearm, a Personal Injury Report must be completed. The following steps must also be taken:

- a) a report of the personal injury must be reported to any member of the Executive Committee of the Board of Directors within 48 hours;
- b) a report of the personal injury must be reported to local police as soon as possible and, in any event, within 30 days of the injury being sustained; and,
- c) a report of the personal injury must be reported to the Chief Firearms Officer.

The Personal Injury Report form is posted in the Club House.

Policy and Procedures – Personal Injury Reporting

Report must include the following information:

- date, time and location.
- names of the individuals involved.
- name of the range officer on duty at that time.
- was medical attention needed?
- general description of the incident, including circumstances in which personal injury occurred-if known.

Policy and Procedures – Personal Information

It is the responsibility of every club member to inform the club secretary each time your PAL/RPAL or CSSA number or expiry date changes.

* the club is required to keep records of these numbers for each member.

Range Procedures - RSO

- a) The RSO is the individual who is responsible for and oversees the shooting activities at the firing line (in both the Indoor and the Outdoor Ranges) and the archery range.
- b) The RSO ensures that all firearm and club safety rules are being followed.
- c) The RSO's name is to be printed on the blackboard in the range where shooting is taking place. If two or more members are shooting on the same range, one must be designated as the RSO. If that person leaves, another is designated as the RSO and prints his or her name on the blackboard. If two or more members are shooting, one must be the designated "range safety officer"

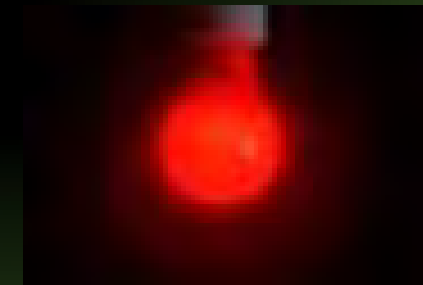
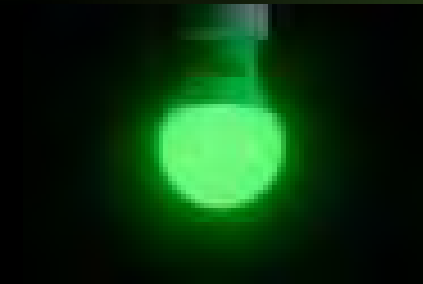
Range Procedures – Safety Lights

Indoor and Outdoor ranges have safety lights

Green light - indicates line is safe (no shooting) firearms have been made safe and it is safe to go down range.

Red light - indicates a live fire situation (range is active and shooting in progress) do not go down range.

Safety lights must be used at all times.



Range Procedures – Red Light

RED LIGHT CONDITION – The Range is Active (HOT)

- The RSO is to ensure no one is down range before changing the light from **GREEN** to **RED** and making the range Active.
- Shooting is to only take place from behind the benches and shooting ports and forward of the **yellow line**.
- No one is to go down range.
- Guns may be placed, uncased and handled on the bench (ACTS and PROVE)
- Benches / shooting ports if being opened shall be done on a **RED** light condition.
- Shooting may commence.

Range Procedures – Green Light

GREEN LIGHT CONDITION – The Range is no longer Active (SAFE LINE)

Prior to changing the light from **red** to **green**, the RSO will call for a safe line.

- Shooting will cease.
- Firearms will be unloaded, magazine removed, action open, placed on the bench with the muzzles pointing down range.
- Shooters will then move and stay behind the **yellow line**.
- The RSO or their designate(s) will inspect all firearms.
- After ensuring all firearms have been made SAFE, the RSO will call a SAFE line and change the light to **GREEN**. The range is now SAFE for personnel to go down range.
- Persons not going down range shall remain behind the **yellow line**

DO NOT HANDLE ANY FIREARMS

Do not touch any items on the shooting bench (from either side of the line)

Range Procedures – Setting up

Coming to and from the Range, firearms are to be cased.

Firearms should be cased and uncased at the firing line when practical.

Acts and prove shall be completed as each firearm is uncased.

Firearms are to be placed on the firing bench, muzzle pointed downrange, action open with magazines removed & chamber flag installed (as required).

Firearms stored on the back bench are to be cased.

Use of Chamber Flags is solely at the discretion of the RSO.

Range Procedures – Opening Ports

Outdoors range:

Opening of shooting ports is to be completed under **RED** light conditions.

Removed benches should be stored under the back bench to avoid a tripping hazard forward of the **yellow** line

The door near Position #1 and Position #21 are the primary entrances to the range.

Range Procedures – Opening Ports

Indoor Range

Benches and baffles should only be removed when prone or kneeling position firing is being conducted.

Upon completion of prone/kneeling shooting, all baffles and benches shall be returned to their proper positions.

The shooting bench is to be cleared and raised ONLY during a **RED** light condition.

The ventilation baffle is to be removed under **GREEN** light conditions from the down range side of the firing points.

The baffles shall be stored against the wall near #10 position when not in use.

Position #1 is the primary entrance to the target area of the indoor range.

Range Procedures – Maintenance

Any firearms requiring maintenance shall be removed from the firing line to a designated safe area.

Safe areas are marked with signs on both the outdoor range and indoor range.

After completing shooting:

- a) pick up brass and shell casings and dispose of them in the designated containers; and,
- b) pick up and dispose of any garbage in the designated containers.
- c) Remove all targets and stands you used during your shoot
- d) Try to leave the range in a better condition than you found it.

10 min. Break

Shooting Fundamentals

The Big Seven and the **easy Four to remember**

1. Grip
2. Stance
3. Sighting
4. Trigger Control
5. Breath Control
6. Follow Through
7. Rhythm

Shooting Fundamentals

“Big 7”

1. Grip
2. Stance
3. Sighting
4. Trigger Control
5. Breath Control
6. Follow Through
7. Rhythm

Shooting Fundamentals

“Main 4”

1. Grip
2. Stance
3. Sighting
4. Trigger Control

Easier to remember 4 harder to remember 7

Shooting Fundamentals – Grip

<https://www.primalrights.com/library/articles/precision-rifle-marksmanship-grip-technique>



Pistol Grip Stock

Shooting Fundamentals - Grip



Hybrid Stock

Shooting Fundamentals - Grip



Conventional Stock

Shooting Fundamentals – Stance

<https://outdoorempire.com/rifle-shooting-positions/>

1. Prone
2. Sitting
3. Kneeling
4. Off-hand
5. Fighting
6. Thumb Over Bore
7. Using Supports
8. Slings



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Shooting Fundamentals – Sighting



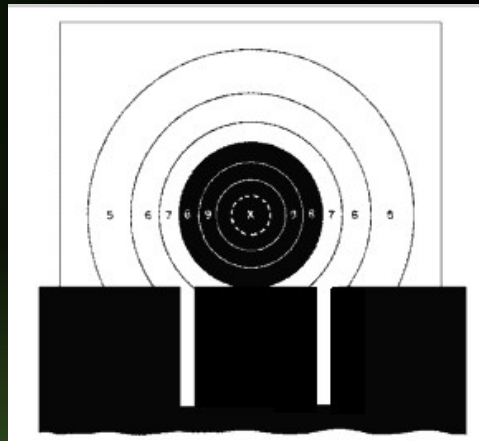
Front Sight



Rear Sight



Combined



Shooting Fundamentals – Trigger control

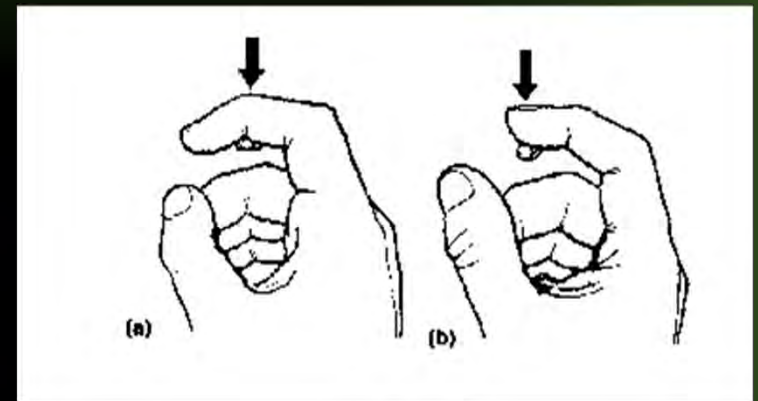
TRIGGER FINGER PLACEMENT

Double Action

- Place the trigger finger, with the seam between the first and second sections, on the trigger face.

Single Action

- Place the pad of the trigger finger between the tip and the seam between the first and second sections on the trigger face.



Shooting Fundamentals – Trigger control

- Operate the trigger through the complete cycle.
- This must be one smooth, continuous pull.
- Steadily increase the pressure on the trigger until the firearm discharges.
- Pause the trigger at the rear of the pull briefly.
- Release the trigger at the same speed as it was pulled rearward.
- Re-aim the firearm.
- Repeat for subsequent shots.
- The majority of shooting errors are related to poor trigger control.

NOTE: The smoothness of the trigger operation is vital to achieve accuracy.

Shooting Fundamentals – Breath control

- MAINTAIN MUZZLE CONTROL.
- Keep your finger off the trigger.
- When you are ready to start, take a deep breath and exhale it all.
- Take a second breath and allow yourself to relax.
- Exhale about half of the second breath.
- With the firearm pointed at the target, deliver the shot.
- Resume normal breathing.

NOTE: Do not hold your breath too long.

Holding the breath too long will cause excessive tension and vibrations in the hands.

Practice will tell you how your breath control will assist in improving your shooting skill.

Shooting Fundamentals – Follow Through

- MAINTAIN MUZZLE CONTROL.
- After the firearm discharges, hold the trigger fully to the rear briefly.
- Pick up the front sight and release the trigger.
- Allow the sight to come back on target - re-aim.
- Don't be in a hurry to fire the next shot.
- Analyze what you have done.
- Release the trigger and allow it to go forward.
- Prepare for any subsequent shot.

NOTE: In a nutshell “FOLLOW THROUGH” means to “finish the shot”.

Shooting Fundamentals – Rhythm

Establish and build your rhythm for each shot you deliver so that all fundamentals work together and finish smoothly.

Form sound habits and practice them to establish your rhythm.

Breath/Hold/Aim/Squeeze/BANG/Hold/Release/Breath/Analyze

This rhythm may be sped up or slowed down to meet the shooting conditions or the program.

Malfunctions

- Ammunition Issues
 - Misfire
 - Squib Load
 - Hang Fire
- Fail to Feed
- Fail to Extract
- Fail to Eject

Malfunctions - Misfire

- Explain what happened
- Stop shooting
- Trigger Finger Out
- Muzzle Control
- Wait 60 seconds
- Then unload
- Inspect ammunition and firearm to determine cause
- Safe disposal of misfired round or repair firearm

Malfunctions – Squib-fire

- Explain what happened
- Stop shooting
- Trigger Finger Out
- Muzzle Control
- Wait 60 seconds
- Then unload
- Inspect ammunition and firearm to determine cause
- ACTS-PROVE - ENSURE BARREL IS CLEAR

Malfunctions – Hang Fire

- Explain what happened – [Hang Fire Video](#)
- Maintain Muzzle Control
- Wait 60 seconds
- Then unload

Malfunctions



Failure to feed



Failure to eject



Failure to extract

Archery

- An outdoor single position Archery target is located outside the door adjacent to shooting position No.1.
- If firearms are on the outdoor range, ensure the designated RSO is aware the archery position is being used.
- Archers must follow the direction of the RSO.
- Archers must stay behind the **yellow line** at the archery shooting position unless the range light is **green**.
- Follow the club red light/green light procedures.
- Use only field or target points and aim into the archery bunker only.

Note: Broadhead arrows are prohibited

Last one Out

The last person leaving must:

- a) ensure that all appliances in the kitchen are turned off and that the kitchen door is locked;
- b) turn off all Club House and range lights (both Outdoor and Indoor);
- c) lock the Club House door and the Indoor Range;
- d) change sign at the top of the hill to “Range Closed”; and
- e) close and lock the main gate.