

BSRC Online Induction Training

British Sporting Rifle Club



How this works

The presentation is the preparation for your induction day at BSRC.

It covers the basic requirements for club membership and the shooting activities that take place at the club

It also covers the National Rifle Association requirements for shooting at Bisley

There is a Knowledge check when you attend the induction together with some practical assessments

Safe shooting System

Safe shooter: you are trained to a high standard and can demonstrate the ability to handle and use firearms safely

Safe equipment: You understand your responsibility for ensuring your firearm is well maintained and the ammunition is within the safety parameters of the range that you are using

Safe Practice: You understand and can demonstrate that you can follow the rules and regulations for shooting at the BSRC and on other ranges:

Safe place: You understand and comply with the range regulations and risk assessments at BSRC and other shooting locations

Firearms safety rules

Always prove a firearm is unloaded whenever you pick it up, or hand it to anyone or take it from anyone

Always point the firearm at your target

Never place your finger on the trigger until you are ready to shoot

Never point a firearm at anyone

This is essential knowledge for a safe shooter and forms part of your assessment

You must wear hearing protection when using ranges

Principles of shooting

The firearm (rifle) fires the projectile (bullet)

The projectile is stabilised by the rifling in the barrel which means it can be accurately placed on a target using a sighting system

The speed of the projectile through the air is called the velocity

The air creates drag which together with gravity slows the projectile down

The sighting system adjusts the elevation of the barrel to compensate for this at different ranges

This creates a curved bullet path called a trajectory

KNOWLEDGE CHECK

Questions

What is the velocity of a .308/7.62 bullet?

Around 2800 Feet per Second or 770 Metres per second

How far will it travel?

Around 2.5 miles / 4km when fired at an elevation angle of 34 degrees

What factors can influence the distance travelled?

Sight adjustment and backstop

Sights and bore sighting

Sights can be basic such as fixed iron sights or optical involving magnification and the potential to adjust for range

It is the shooters responsibility to ensure the sight fitted to the rifle is zeroed

Adjustable sights must be set at the correct adjustment for the range

Bore sighting, looking down the barrel at a set range at an aiming mark and checking that the sighting system is also aligned with the mark can confirm this

Whilst unlikely that no adjustments will be needed it ensures that any projectile will hit the chosen backstop

Sight Picture and Reticles



Ranges

Ranges are safe places to use firearms

There are many different types of range

Most have some form of backstop which catches the bullet after it has hit the target

Most have some form of danger area behind the backstop to allow for bullets that do not get caught by the backstop

The danger area may not contain bullets fired at higher angles

It is essential therefore to keep the firearm pointed at the target when loading, unloading and for all firing practices

Statics Range



Running Boar



Running deer



Zero Ranges



Ranges

Ranges generally have range regulations and standing orders

These regulate the construction, maintenance and procedures for conducting firing on the range

They will also contain the procedures for safety control, communications action in the event of misfires and unintentional discharges

In addition there will be risk assessments in place to cover all activities on the range

You must comply with all of the above

Firearms

As a club member you can use your own legally held firearms at BSRC if you have appropriate authority on your firearms certificate and they fall within the Range safety limits

You can also as a club member use the club rifles without holding a firearms certificate

The British Sporting Rifle Club

The BRSC Range is at Bisley Camp and is leased from the NRA

The Club runs matches and competitions throughout the year which members can attend and take part in

As a full member you can also shoot on the statics range when it is not being used for events

There is a charge for entering competitions, matches and individual shooting all of which is dealt with on the 'Simply book' website

The range is hired to affiliated clubs during the week and on some weekends

Probationary members

As a probationary member you must attend Club events

You will be assessed for your Safe Shooter Certification

You will be assessed to prove you are competent to shoot in Club events

Safe shooter certification

During your probationary period you will be assessed for your safe shooter certification card (SCC)

If you are an NRA member this certification will last for 4 years and you can be recertified by the club

If you are not an NRA member the certification lasts for 1 year and you may be charged for this

You must have a valid SSC to shoot unsupervised at the BSRC and on NRA ranges if you are an NRA member

Misfire Procedure

Most misfires are actually where a round has not been chambered

Some however are failures of the propellant to ignite so the projectile does not leave the case

Some can be partial ignition which means that the projectile could be stuck in the barrel

A set procedure must be followed to ensure that the misfire is safely dealt with

Misfire procedure

Keep the rifle pointing at the target area

If there is a Range Officer let them know whilst maintaining control of the rifle

Wait for at least 30 seconds with the bolt closed

Move anybody else in close proximity away

Keeping the rifle pointed at the target area and standing to the side of the rifle open the bolt keeping your fingers flat and hand and arm out of direct line with the bolt

Check the chamber

Misfire Procedure

Examine

Examine the ammunition

Check

Check the barrel for obstruction

Do not
try

Do not try to fire the round again

KNOWLEDGE CHECK

How long should you wait before opening the action on a misfire?

30 Seconds

What should you check before you shoot again?

The barrel is free of obstructions

Proving firearms



When using the range rifles should only be loaded and made ready to fire when pointed at the target.

At all other times the bolt should be removed if practicable and a breech flag inserted

Rifles must be proved clear after firing, when removing from the firing point and when people are moving downrange

Setting up the range



As part of the induction course you will be briefed on the ranges at BSRC and how they work. Although you will not be tested upon this you should have a basic knowledge at the end of your probationary period about the range setting up procedures.

You must know what is required for the statics range if you intend to shoot on your own

Communication with the NRA

When the club is running it must be in contact with the range office by radio

The NRA radio is set to channel 16 and must be monitored at all times

During Club events this will be the job of the Range Officer

If you are shooting on your own the responsibility belongs to you

Permission to shoot must be obtained before shooting commences

The NRA Range Office must be informed when shooting has stopped (Lunchtime and other stoppages)

Conducting Shooting at BSRC

Conducted by an RO (Range officer)

There may be more than one RO

They are in charge of organised shooting

You must comply with their instructions at all times

They are not there to coach you

They can inspect your firearms and ammunition

If you are shooting on your own you are the RO

Conducting Shooting at BSRC

You must know what to do in the event of the stop command or misfire

You must bring firearms on to the range in an approved way

You must follow the safety rules

You must have a safe shooter certification to shoot unsupervised

You must know the regulations for shooting on your own

Emergency procedures

Alert/message
over the NRA
Radio

NRA siren

Stop Stop Stop
Command

BSRC Warning
alarm

Stop command RO or any other person

STOP!

DO NOT DO
ANYTHING OTHER
THAN FOLLOW THE
RO'S INSTRUCTIONS

NRA Siren or Radio Alert

If you are
shooting
without
an RCO...

- Stop firing IMMEDIATELY.
- If safe to do so, unload and prove your firearm is clear and remove it from the point.
- Select channel 16 on the radio and listen for information.
- DO NOT restart until a single long blast has been sounded on the hooter.

KNOWLEDGE CHECK

What would you do on hearing the stop stop stop command?

Immediately stop and follow the ROs instructions

What is the radio channel that must be monitored at all times?

Channel 16

Security considerations

You are responsible for the security of the firearms and ammunition that you own or are in possession of

This is a condition on your firearms certificate

At the range you should not leave firearms or ammunition unattended

When travelling with firearms and ammunition you should consider measures to ensure they are secure

You cannot let others use the firearms unless this is part of club shooting or the law pertaining to sport shooting

Knowledge check.

On your induction day you will be assessed

The assessments will be based upon practical observations and questions about the information in the power point

You should ensure that you know and understand the areas in the Powerpoint that relate to safety and procedures