

Risk Assessment

SCSRC Risk Management

Risk Management Definitions

Who is at risk?

All Staff, Participants & Public

Controls

Risk ratings - This is our evaluation of the potential impact and likelihood of harm occurring.
Risk ratings are calculated by multiplying the score for Likelihood by the score for Consequences.

Likelihood scores:

1=rare; 2=unlikely; 3=possible; 4=likely; 5=certain

Consequence scores:

1=insignificant; 2=minor; 3=moderate; 4=major; 5=catastrophic

Risk Ratings:

Low 1-3

Medium 4-9

High 10-15

Catastrophic 16-25

Risk rating HIGH - Immediate Action required

For example,

- fatality possible to one or more individuals however infrequent
- major injury to few individuals occurring frequently

Risk rating MEDIUM - Requires attention as soon as possible

For example,

- major injury to one/few individuals occurring infrequently
- likelihood of long term muscular-skeletal problems affecting some staff.

Risk rating LOW - Not a priority, may need attention if not as low as reasonably practicable.

For example

- Minor injury occurring infrequently to club member.

Review

(no data)

01 Direct Projectile Impact

Who is at risk?

All Staff, Participants & Public

Controls

Risk of receiving a ballistic wound to Participants, onlookers or passer-by (if outdoors) - Medium (9)

****NOTE**** Participant" is deemed to include range staff, coaches and others adults actively involved in delivering or supporting the activity for all entries below as well.

Control through:

1. Use of purpose-built ranges complying with relevant Code of Practice.
 - a. Indoor - range staff to check integrity of backstop and security of danger area.
 - b. Outdoors - check that danger area is secured and overseen by RO.
2. Suitably Qualified and Experienced Range Staff delivering safety briefing to all participants. Reinforced by supervision as appropriate. In particular, bolts/actions to be closed only when firearm is pointed at target area and permission to start has been given.

Minimum qualification to run a air rifle range for Scouts is YPS Tutor.

Minimum qualifications to run a smallbore rifle range for Scouts is NSRA Range Officer or NRA Range Controlling Officer.

Minimum qualifications to run a fullbore rifle range for Scouts is NRA Range Safety Officer (RSO) and on ranges owned by the MoD it's Range Controlling Officer (RCO).

Revised risk rating after controls are applied Low (3)

Review

Working with guests (junior and adult) unfamiliar with Bisley and "Big Ranges" there's a risk of danger

areas whilst driving or walking to/from designated range/target assembly point (behind firing point) or to/from butts, or behind butt/mantlet on Century range.

Include this in briefings and awareness of signs around the site.

02 Negligent Discharge of Rifle

Who is at risk?

All

Controls

Risk of receiving a ballistic wound to Participants or onlookers - Medium (7)

Control through:

Ensure eye is not too close to sights so as not to be impacted during recoil.

Ensure butt-plate is firmly in the shoulder before firing.

Brief the participant and make specific observation of the shooters positioning before commencing fire.

Risk Rating after controls are applied Low (3)

Review

Have First Aid Kit available on the firing point.

03 Handling Ammunition When Shooting Live Rounds

Who is at risk?

Participants and Spectators

Controls

Unacceptable handling of live ammunition contrary to briefing causing unknown damage to, or uncontained combustion of ammunition.

Explosion/personal injury. Medium (6)

Safety briefing for all those without SCC

Obeying instructions or directions from instructor or qualified RO on range.

Risk Rating after controls are applied Low (3)

Review

All guests to be supervised 1:1 while live firing.

04 Injury from Rifle

Who is at risk?

All

Controls

Risk of receiving a wound from parts of the rifle - High (7)

Control through:

Checking Rifle is clear before removing from firing point

Briefing not to close bolt or put finger near trigger until pointing at the target.

Describe correct sight picture and observer fall of shot.

Risk Rating after controls are applied Low (3)

Review

(no data)

05 Noise

Who is at risk?

Participants

Controls

Damage to hearing or failure to hear audible warnings of other dangers by Participants or spectators.

High (12)

Control through:

Ear defenders/ ear plugs - mandatory for persons on or near firing point when cartridge firearms are in use.

Discharge of air (no projectile) from PCP air rifles or pistols not to take place with muzzle within 0.5m of any person's unprotected ear.

Warning signs at venues re noise hazard.

Ear defenders to be provided and worn when required or necessary.

Risk Rating after controls are applied Low (3)

Review

This risk is not to be confused by new members or guests being jittery around loud noises - and for this ear defenders are available.

Ear defenders to be worn by all participants and leaders on the firing point during smallbore or fullbore shooting activities. Unlikely to be required for air activities - although they will be available for a small number of people.

06 Electrocutation

Who is at risk?

Participants

Controls

Electrocutation or electric shock to Participants (Scouts and Adult Leaders) by inappropriate use of electrical equipment. Medium(4)

Control through:

Correct use of appropriate electrical equipment

Supply protected by RCD (max 50mA) Scouts reinforced by briefings and supervision.

Risk Rating after controls are applied Low (2)

Review

Typically "whizzers" and "Electronic Scoring Equipment" and are the only electrical equipment used when shooting.

Leaders may also use computers, projectors, sound equipment whilst undertaking club activities and should particular attention to the power cords for this electrical equipment - also in the form of trip hazards

Review

Check whether NRA scoring kit is mains or battery powered

07 Fire

Who is at risk?

All

Controls

Fire caused by naked flames and inappropriate use of electrical equipment to Participants (Scouts and Adult Leaders). Medium(4)

Control through:

1. Use of appropriate electrical equipment
2. Prohibition of smoking
3. Briefing on and requirement for adherence to venue fire precautions.

Risk Rating after controls are applied Low (2)

Review

(no data)

08 Traffic

Who is at risk?

All

Controls

Physical harm caused by moving vehicles to Participants (Scouts and Adult Leaders) Medium 4

Control by reminding members that the venue may not be not a traffic-free environment, that there maybe roads with no separate pavement.

Treat Bisley Camp as a village, not a Scout campsite. Reminding/briefing and enforcing driving on camp site at 10mph only.

Risk Rating after controls are applied Low (2)

Review

In most cases just applies to car parks of arrival/departure but main likelihood is unsupervised time at Bisley (National Championships or Scoutshoot) - so make particular warning based on location.

09 Tiredness undermining concentration of drivers driving vehicles home after a event

Who is at risk?

Drivers

Controls

Physical harm caused by driving vehicles to Participants (Scouts and Adult Leaders) after an event and losing control. Low(2)

Control through:

Ensuring adequate sleep time by enforcing "Lights Out" rules. (for any over-night stay events)

Risk Rating after controls are applied Low (2)

Review

Typically this will only be after a long drive such as shooting at Aldersley, but also applies to club guests travelling home from Bisley.

10 Food poisoning

Who is at risk?

All

Controls

Physical harm to Participants (Scouts and Adult Leaders) by eating uncooked/raw food. Difficulty in obtaining help when required. Medium(6)

Control through:

1. Enforce kitchen hygiene on camp or when staying over at Bisley/Aldersley;

Use of "1901 Café" (Bisley) etc. for cooked meals.

All violent incidents should be reported under the terms of HS - 19 Section 7

Risk Rating after controls are applied Low (3)

Review

Request parents advise guests to provide allergy and food intolerance information if catering is provided.

Encourage/Remind all club members to update Allergy information in OSM

11 Fire Alarm/Drill awareness on premises/site.

Who is at risk?

All

Controls

Injury/death. High (10)

Scouts and Adult Leaders should be aware of fire evacuation procedures/fire alarms/exits etc.

Remind staff to check procedures on each visit and include in briefings where necessary.

Risk Rating after controls are applied Low (2)

Review

(no data)

12 Dangerous terrain including water (Particularly Bisley)

Who is at risk?

All - mostly junior guests

Controls

Trips, falls, cuts, puncture injuries, broken bones. Drowning. High(12)

General personal awareness - in particular the need to remain alert to the environment at all times.

Control by reminding shooters and staff that Bisley Camp and many of its buildings are old, and not built to modern standards and that there are uneven surfaces and unexpected steps both inside and outside buildings.

Leaders should ensure that prior to carrying out physical inspections they feel competent so to do.

Leaders should ensure that they have access to a first aid kit and feel competent to immediately treat minor cuts or abrasions. Where possible assistance should be sought.

Risk Rating after controls are applied Low (3)

Review

(no data)

13 Hot Environment

Who is at risk?

All

Controls

Dehydration/Heat Stroke. Low(2)

Weather checked beforehand. Make everyone aware of constant drinks and re-hydration methods.

Regularly remind all that they should have a bottle of water and refill it regularly. Hot/cold drinks available at all times, regular breaks taken

Risk Rating after controls are applied Low (2)

Review

(no data)

14 Cold Environment

Who is at risk?

All

Controls

Hypothermia. Low(2)

Weather checked beforehand Make everyone aware of bringing warm clothing to event in cold periods of year.

Inspections of shooters kit to see they have appropriate clothing with them. Hot drinks available if possible, regular breaks taken

Risk Rating after controls are applied Low (2)

Review

Can happen indoors at Bisley, especially when doors are open - but most likely when shooting outdoors and especially when inactive.

15 Purchasing cooked, pre-cooked or ready to eat foods

Who is at risk?

All

Controls

Food poisoning bacteria transferred to food. Food allergies. Medium(6)
Maintain allergy/medical information in OSM
Supply suitable food or bring own food/drink for the day.
Risk Rating after controls are applied Low (2)

Review

(no data)

16 Ratio of adults to children insufficient

Who is at risk?

Children

Controls

Harm to children. Medium(4)
Have at least two in addition to 1:8 if some fail to attend.
Risk Rating after controls are applied Low (2)

Review

(no data)

17 Working outdoors

Who is at risk?

All

Controls

Asthma and allergies. High(12)
Carry first aid kit and have first aider on site, ask volunteers if they have any allergies or asthma, make sure those who suffer have their medication with them
Ask volunteers if they have their own medication, and ensure all sufferers able to self-administer.
Risk Rating after controls are applied Low (2)

Review

(no data)

18 Covid

Who is at risk?

All

Controls

Explicit Covid RAs are no longer required, but the threat still exists.

Equipment shared between multiple users should be wiped down between uses.

Congregations of large numbers of people should maintain a reasonable social distance and when indoors as much ventilation as possible should be provided.

Anyone wishing to be wear a mask should be able to do so.

Review

anti-septic wipes should be taken to guest events.

19 Contact/Exposure to Compressed Air

Who is at risk?

All

Controls

Compressed air sickness to Participants or onlookers. Absorption, ingestion of hazardous substances.
Breathing problems. Explosion. Medium (6)
Control through:

Limit access to bottles, suitably trained and experienced personnel, familiar with compressed air bottles usage.

Air Bottles supervised/controlled at all times.

Risk Rating after controls are applied Low (3)

Review

No persons under the age of 18 should fill air cylinders.

20 Lead poisoning

Who is at risk?

All Participants

Controls

Handling lead by Participants absorption, ingestion of hazardous substances.

Breathing problems/poisoning. Medium(9)

Control by reminding shooters and leaders to wash their hands after handling pellets or bullets or if shooting prone on indoor ranges and not to eat, handle food, or put fingers into their mouth before doing so.

Spectators having no access to ammunition.

Ammunition under control of shooters.

Risk Rating after controls are applied Low (3)

Review

(no data)

21 Century Butts

Who is at risk?

Anyone using the butts

Controls

Risk of personal injury - Medium (7)

Control through:

Briefing regarding the machinery and safe places for fingers.

Remain under the mantlet at all times.

Risk Rating after controls are applied Low (3)

Review

(no data)

22 Rifle Cleaning

Who is at risk?

Club Members

Controls

Risk of exposure to acidic chemicals - medium (6)

Control through:

Be aware that the chemicals used can be harmful.

Wash skin immediately if exposed.

Review product labelling before use.

Risk Rating after controls are applied Low (3)

Review

(no data)