

Thriftwood Scout Campsite Risk Assessment: X-Bows

Completed by Colin Tilbrook.

Date 1/5/23

Next Review Date 1/5/24

Hazard	Who might be harmed	Existing controls	Severity 1-10	Likelihood 1-10	Rating (SxL)	Further Actions Required
Misuse of the bows and bolts	All	Instruction given and understood by participants before the activity takes place, activity supervised at all times by experienced instructors to hold NSRA YPS Crossbow qualification to ensure that the rules are complied with.	8	2	16	Adequately Controlled
Impact from bolts	All	Activity supervised at all times by a NSRA YPS qualified instructor to ensure that the rules are complied with. Target bosses checked regularly, netting checked to ensure bolts stay within the range.	8	2	16	Adequately Controlled
String bruising fingers	Participant	Participant told correct method of holding bow	2	5	10	Adequately Controlled
Horseplay	All	Activity supervised at all times by a NSRA YPS qualified instructor and group leaders instructed that they are to ensure that their group complies with the operating rules and follow instructions given concerning waiting area, spectator line and shooting line Groups are limited to 12 participants on the range. If horseplay is cared on after a warning the session will be stopped by the instructor.	6	2	12	Adequately Controlled
Unauthorised use	All	Range is always supervised when in use, all equipment including targets are locked in a store when range unsupervised.	8	1	8	Adequately Controlled
Equipment failure	All	Equipment checked before use. Any problems are logged. Equipment checked as per log book. Faulty equipment removed from service.	3	4	12	Adequately Controlled
Slips and Trips	All	Ranged checked before use. Participants encouraged to stay on decked area, arrows to be collected by instructor.	6	3	18	Adequately Controlled
Impact from rear of bolts	Participant	Encouraged not to collect bolts, but instruction given to those who do.	5	3	15	Adequately Controlled
General	All	When drawing back the string on a crossbow, care shall be taken to avoid injury to the back, arms and shoulders by following good manual handling practices. Bolts will only be offered to the string when the shooter is in position to shoot. Bolts shall only be loosed when aimed at the target and the target is clear. Crossbows shall never be transported when cocked or loaded.	3	2	6	Adequately Controlled
See Site Procedures for action.						

Rating	81-100	61-80	41-60	21-40	11-20	0-10
Action	Immediate Action	Action within 1 week	Not adequately controlled	Further Investigation	Adequately Controlled	Trivial Risk