

# RISK ASSESSMENT: All Aboard

Completed by: Activities Management Team

Date: 15/12/2024

Review Date: 15/12/2025



What is the Hazard?	Who may be harmed?	How might people be harmed?	Risk Rating			Control Measures in Place	Remaining Risk		
			Probability	Severity	Risk		Probability	Severity	Risk
<b>Falling From a Height</b>	All	Breaks, fractures. Death	3	5	15	<ul style="list-style-type: none"> <li>All instructors are trained by a ropes course trainer and assessed by our Technical Advisor for roped activities.</li> <li>All instructors are regularly monitored to ensure procedures are complied with.</li> <li>All participants are provided with a suitable climbing harness.</li> <li>The instructor explains how to fit the harness correctly and checks that all harnesses are fitted correctly before the activity commences.</li> <li>Any persons whilst of the ground must be connected to a suitable safety system</li> <li>The instructor monitors the group to make sure no one climbs before the instructor has checked their equipment and safety rope.</li> <li>The group is shown how to belay, either the five point with tailor (pre-arranged groups only) or bell ringing technique depending on the groups level and competency. The instructor then monitors the group whilst belaying.</li> <li>Appropriately qualified and signed off staff required with a 5-point belay group.</li> <li>Appropriate belay devices are used.</li> <li>Safety knots are put into the rope by the instructor, at intervals as an extra safety back up.</li> <li>The instructor is responsible for lowering a participant from the activity.</li> </ul>	1	5	5
<b>Equipment Failure</b>	All	Cuts, Lacerations, Death	3	5	15	<ul style="list-style-type: none"> <li>All equipment is visually checked by the instructor prior to being used. Items deemed to be faulty are removed from use immediately, logged and placed in the quarantine bin. As per policy 5.3 faulty or damaged equipment.</li> <li>6 monthly inspections to be completed and logged by a PPE inspector having attended a 'Competent Person' course.</li> </ul>	1	5	5
<b>Exposure/ Hypothermia and Sunburn</b>	All	Sunburn, high temperature, dehydration	3	3	9	<ul style="list-style-type: none"> <li>Staff and participants must have suitable clothing for the weather and activity.</li> <li>Both staff and clients to drink plenty of water.</li> <li>Sun cream applied when needed.</li> <li>Wooden shelters in activity to provide participants shelter from the weather.</li> </ul>	1	2	2

# RISK ASSESSMENT: All Aboard



What is the Hazard?	Who may be harmed?	How might people be harmed?	Risk Rating			Control Measures in Place	Remaining Risk		
			Probability	Severity	Risk		Probability	Severity	Risk
<b>Slips, Trips and Falls</b>	All	Cuts, bruises and grazes	2	2	4	<ul style="list-style-type: none"> <li>All equipment not being used is put away in the store or stored neatly to the side.</li> <li>Participants warned about potential hazards.</li> <li>All participants must be wearing sensible footwear (closed toe shoes).</li> </ul>	1	1	1
<b>Adverse Weather</b>	All	Sunburn, high temperature, dehydration	2	4	8	<ul style="list-style-type: none"> <li>At the first sign of thunder and lightning continue until the flash to bang is no less than 30 secs, at which point the activity stops immediately. The activity may continue 30 minutes after thunder is last heard.</li> <li>If there are high winds then the activity will stop and anybody off the ground will be safely lowered down, this decision will be made by the Senior Instructor or combination of Duty Manager and Lead Instructor/s.</li> <li>Refer to 'Adverse Weather' policy.</li> </ul>	1	4	4
<b>Unauthorised Access</b>	All	Accessing the activity at height without PPE or qualified supervision	4	5	20	<ul style="list-style-type: none"> <li>All access points to be locked when activity is not in use.</li> <li>Only authorised persons have a key to the area.</li> <li>Any access points to have a sign stating, 'No Admittance Unless Authorised.'</li> </ul>	1	5	5
<b>Group Behaviour</b>	All	Loss of control of the group, participants being distracted/ not listening.	2	3	6	<ul style="list-style-type: none"> <li>Group leaders are to ensure that the group is under control at all times.</li> <li>Instructor is to stop the session if participant behaviour is dangerous.</li> <li>Instructor to check with group leader at the start of the session for any neurodiverse participant's and make sure control measures are in place to appropriately manage their needs.</li> </ul>	1	2	2
<b>Entrapment</b>	All	Compression/ crushing injuries	4	4	16	<ul style="list-style-type: none"> <li>Loose jewellery to be removed, long hair tied back and loose clothing to be secured.</li> <li>Instructor is trained in an adequate rescue technique for activity, as well as a level 2 available onsite for a rescue.</li> </ul>	1	4	4
<b>Objects Falling from a Height</b>	All	Bruises, contusions	3	4	12	<ul style="list-style-type: none"> <li>Everybody in the area must be wearing a helmet whilst persons in the air.</li> <li>All structural elements are physically checked and recorded during 3 monthly inspections, as well as visually from the ground prior to the start of a session.</li> <li>All participants are to remove everything from their pockets before they put on their climbing harness.</li> <li>Footwear must be appropriate and securely fastened.</li> </ul>	1	2	2

# RISK ASSESSMENT: All Aboard

What is the Hazard?	Who may be harmed?	How might people be harmed?	Risk Rating			Control Measures in Place	Remaining Risk		
			Probability	Severity	Risk		Probability	Severity	Risk
<b>Structure Failure</b>	All	Cuts, bruises, grazes, broken bones, multi-skeletal injury, death	2	5	10	<ul style="list-style-type: none"> <li>Daily visual inspections of structure carried out during set up and logged on sheets.</li> <li>Detailed 3 monthly structure checks carried out and recorded. Areas of concerns to be inspected by technical expert.</li> <li>Annual inspection undertaken by competent person.</li> </ul>	1	5	5
<b>Strangulation</b>	All	Broken neck, bruising, rope burn	4	5	20	<ul style="list-style-type: none"> <li>Ensure correct belay technique is used to avoid slack rope.</li> <li>Loose items of clothing (e.g., Necker's) are removed.</li> <li>Avoid ropes wrapping round each other, explain to participant to follow the rope up the apparatus.</li> <li>Instructor trained in appropriate rescue techniques.</li> </ul>	1	5	5
<b>Metal Splinter, Cuts or Grazes</b>	All	Cuts, Splinters	5	2	10	<ul style="list-style-type: none"> <li>Participants warned not to grab wires.</li> <li>Visual checks by instructors to spot increased risk.</li> </ul>	1	2	2
<b>Human Error</b>	All	Instructor complacency and/or loss of focus could result in putting everyone at risk	3	5	15	<ul style="list-style-type: none"> <li>All instructors are trained by a ropes course trainer and assessed by our Technical Advisor for roped activities.</li> <li>All instructors are regularly monitored to ensure procedures are complied with.</li> <li>All instructors are aware of where risk assessments and operating procedures are stored.</li> <li>Where possible, instructors to only work the same session twice in one day.</li> <li>Instructors made aware of any changes to activity, via activity change sheet.</li> </ul>	1	5	5

## RISK ASSESSMENT: All Aboard

Level	Likelihood Factor	Severity Description
1	Very Unlikely	Insignificant – No injury or No First Aid required.
2	Unlikely	Minor – Minor injuries requiring first aid such as cuts, grazes, bruising.
3	Fairly Likely	Moderate – Injuries resulting in up to three days' absence from work.
4	Likely	Major – Injuries resulting in a week or more absence from work, for example broken bones, deep cut etc.
5	Very Likely	Catastrophic – Amputations or Death.

Remaining Risk Level	Description
1-5	Very low, minimal risk, control measures more than adequate
5-10	Low, control measures satisfactory
10-15	Medium, control measures adequate
15-20	High, control measures need further consideration
20-25	Very high, intolerable, stop Job