

RISK ASSESSMENT: Three Stack

Completed by: Activities Team

Date: 21/02/2019

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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
Falling From a Height	Participants	Bruises, contusions and death (impact with ground)	4	5	20	<ul style="list-style-type: none"> All instructors are trained by a ropes course trainer and assessed by the technical advisor. All staff are periodically monitored to ensure compliance with procedures. All participants are provided with a suitable climbing harness. The instructor explains how to fit the harness correctly and is checked before ascent that the harness is fitted correctly. At all times whilst climbing the participant is connected to a safety rope using a suitable climbing knot. The instructor monitors the group to make sure no one climbs before the instructor has checked their equipment and safety rope. Rigs are used as the belay device. The instructor is responsible for lowering a participant from the activity. 	1	5	5
Objects Falling From a Height	All	Bruises, contusions and concussion.	4	4	16	<ul style="list-style-type: none"> Everybody in the area must be wearing a helmet. During 3 monthly inspections, we check to make sure everything is secure such as SRB's. All participants make sure that they have removed everything from their pockets before they put on their sit harness. 	1	4	4

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Exposure / Hypothermia and Sunburn	All	Sunburnt skin, high temperature and dehydration.	4	3	12	<ul style="list-style-type: none"> Staff and participants must have suitable clothing prior to the activity. Both staff and clients to drink plenty of water. Sun cream to be applied when needed. Wooden shelter available in activity area. 	1	3	3
Slips, Trips and Falls	All	Cuts, bruises and grazes	2	2	4	<ul style="list-style-type: none"> All equipment not being used is put away in the store. All participants must wear appropriate footwear. Participants warned about potential hazards as appropriate. 	1	2	2
Adverse Weather	All	See 'Exposure'	2	4	8	<ul style="list-style-type: none"> If thunder is heard or lightning is seen then the activity stops immediately. The activity may continue 30 minutes after thunder is last heard. If there are high winds then the activity may be stopped and anybody off the ground will be lowered down, this decision will be made by the Activities Manager or Duty Manager and Lead Instructor. 	1	4	4
Group Behaviour	Participant	Loss of control of the group, participants being distracted/ not listening.	3	4	12	<ul style="list-style-type: none"> Group leaders are to ensure that the group is under control at all times. Instructor is to stop the session if participant's behaviour becomes dangerous. 	1	4	4
Unauthorised Access	All		4	5	20	<ul style="list-style-type: none"> All access points to be locked when the activity is not in use. Only authorized persons have a key to the area. Any access points to have sign stating 'No Access to Unauthorised Persons.' 	1	5	5
Inappropriate Use	All		4	4	16	<ul style="list-style-type: none"> All equipment is locked away when not in use or under supervision. Ladders are removed and placed on the racking out of the way. 	1	4	4

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Entrapment	All		4	3	12	<ul style="list-style-type: none"> Instructors are trained in an appropriate rescue technique for the activity. Loose jewellery to be removed, long hair tied back and loose clothing to be secured. 	1	3	3
Equipment Failure	Participants		4	4	16	<ul style="list-style-type: none"> All equipment is inspected monthly and a record kept of any faults found. All equipment is checked by the instructor prior to being used. Any faulty equipment found is removed from use logged and placed in the quarantine bin. Instructor to belay. 	1	4	4
Structure Failure	All		4	4	16	<ul style="list-style-type: none"> Daily visual inspections of structure carried out during set up. Detailed 3 monthly structure checks carried out and recorded. Areas of concerns to be inspected by technical advisor. Annual inspections by a competent person. 	1	4	4
Strangulation	Participant		3	5	15	<ul style="list-style-type: none"> Ensure correct belay technique is used to avoid slack rope. Loose items of clothing (e.g. Necker's) are removed. 	1	5	5

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Human Error	All	Instructor complacency and/or loss of focus could result in putting everyone at risk.	3	4	12	<ul style="list-style-type: none"> All instructors are trained by a ropes course trainer and assessed by our Technical Advisor for Roped activities. All instructors are regularly monitored to ensure procedures are complied with. All instructor are issued with a handbook outlining all procedures in place for the activity, and are aware of any changes that may be made to the activity Where possible, instructors to only work the same session 2 times in one day. 	1	4	4

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.