

SECTION A

“Significant refers to the potential for any harm that is not trivial and would warrant a response or intervention”

RISK	HAZARD OR HARM	POSSIBLE OUTCOME (PERIL)	SIGNIFICANT	ACTION	DOES ACTION ELIMINATE, ISOLATE OR MINIMISE RISK?
Physical	Walking into ground wires. Trips/Slips on rope course edging.	Injury to person.	Yes	Clear briefing/observation Intervention by Instructors when needed.	Minimise
	Anchors not adequate. Equipment failure. Rope fails due to being cut on edge. Improper belaying technique.	Death by falling. Serious injury. Abrasions. Rope burn. Bruises. Sprains.	Yes	Instructor to check all equipment before use, including quick rope check. Instructor to check each participant before they climb, or delegate checking to participants with appropriate skills plus a pre-climb “sign off” by instructor. Always protect rope from sharp edges using rope protector and keep focal point in space away. Correct belay techniques demonstrate maintained and remodelled as needed with direct supervision and always use back up belayer. Instructor to clip in to solid anchor if exposed to a fall from top of activity.	Minimise
	Not wearing appropriate footwear	Injury to feet and body while Ascending/descending	No	All participants to wear lace up, closed toe and supportive footwear.	Minimise

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Physical	Falling items (e.g. shoes, keys, phones etc...).	Physical injury.	Yes	Check and clear any loose articles during set up and ensure helmets are worn at all times in area.	Minimise
	Improper participant behaviour.	Stranded Client.		Rescue equipment on immediate site and trained in use of rescue equipment.	
	Unrestrained long hair.			Well explained briefing before climbing and instructor in position to intervene if necessary at any time.	
	Loose clothing.			Ensure all long hair is tied up.	
				Ensure any loose clothing is away from all equipment that a rope runs through.	
	Not knowing pre-existing health issues.	Unknown health risks.	Yes	Pre activity medical forms.	Minimise
		Severe condition or injury that may be unsafe to participants or Instructors.		Medication if required.	
				Instructor may not allow person to undertake activity.	
	Participants not equipped for hot or cold weather	Heat / cold problems with participants	Yes	Have appropriate aids available for the weather conditions expected – water, sunscreen, hot drinks in a flask, emergency shelters, and spare clothes.	Minimise

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**ADVENTURE SOUTHLAND LIMITED 2015
RISK ANALYSIS AND SAFETY MANAGEMENT SYSTEM**

ACTIVITY: HIGH ROPES, LOW ROPES and FLYING FOX

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RISK	HAZARD OR HARM	POSSIBLE OUTCOME (PERIL)	SIGNIFICANT	ACTION	DOES ACTION ELIMINATE, ISOLATE OR MINIMISE RISK?
Emotional	Refusal to participate. Instructor (or other supervisor) forces participation. Inadequate supervision.	Disrupting other participants. Never want to try again. Emotional damage through being forced to participate. Fear of heights (Acrophobia) and/or Ropes (Linonophobia)	Yes	Ensure there is a variety in level of challenge, i.e. route selection is appropriate for each participant. Use suitable progression. “Challenge by Choice” policy used; talk to participants about goals. Activity pitched at participants levels. Instructor coaches participants as required.	Minimise
Social Cultural	Lack of cultural understanding. Lack of leadership or inappropriate instructing.	Offensive to culture or person/s	Yes	Understanding and training given of Tikanga Maori principals and other cultural issues that may arise.	Eliminate
Financial	Instructor (or other supervisor) forces participation. Inadequate supervision.	Damage / loss of equipment	Yes	Brief on correct techniques and safety and correct use of gear. Instructor to check site before leaving. Equipment to be used within manufacturer and Adventure Southland recommendations.	Minimise

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Financial	Vandalism	Death by falling. Ropes course malfunction, breakage.	Yes	Pre checks on wires rope and equipment.	Eliminate
Environmental	Sunburn. Windburn.	Burnt.	Yes	Pre weather checks. Sunscreen available to all participants.	Minimise
	Rain. Hail. Thunderstorms.	Cold (Hypothermia). Lightning strike causing death.	Yes	Pre weather checks. Jackets worn. Call off programme when stormy.	Minimise

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Should loss occur, what will you need to have in place to minimise the loss?	Emergency Instructor first aid trained. Instructor to carry spare karabiners, prusiks, belay device, knife. Hire ropes rescue kit First Aid kit and ladder Intentions logged. Instructor competent in high wire rescues.
IMPORTANT! This RAMS form is not complete unless attached to Section B and signed off by Manager	

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SECTION B

INDUSTRY STANDARDS	POLICES / GUIDELINES	STAFF SKILLS	OFFICIAL APPROVAL	
Syllabus: NZOIA Rock Leader or higher. Skills Active National Certificate in Outdoor Recreation Instruction – Climbing. Alpine Guide. Outdoor Activities: Guidelines for leaders (2009). EOTC Guidelines (2009)	Helmets to be worn at all times unless in a designated safe area. ‘Challenge by Choice’ philosophy to operate. Back up belayer to be used at all time. Instructor to supervise a maximum of twelve participants and two accompanying adults with a maximum of four elements set up.	NZOIA Rock 1 First Aid Qualified In House Competency ‘Sign off’	SECTION A Checklist	
			No. Of sheets checked	6
			Risk	✓
			Hazard/harm	✓
			Outcome	✓
			Severity	✓
			Action	✓
			Eliminate, isolate or minimise	✓
			Emergency	✓
			SECTION B Checklist	
			Industry standards	✓
			Policies and guidelines	✓
			Staff skills	✓
			Approved:	Not Approved:
			Name: Amy Sutherland Position: Programme Manager Date:	
This activity is not officially sanctioned until this box is completed by Manager and attached to section A				

Name:

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