



Adventure Activity Risk Register

High Ropes

Location:	High Ropes Course	Time of Year:	Term 1, 2, 4
Communications ability rating:	BOEC Radio Network	Year level:	8-12

Learning Outcomes: 1. Develop awareness of self. 2. Develop awareness of others. 3. Develop awareness of environment. 4. Develop technical aspects of High Ropes.	BOEC staff responsibilities: 1. Implement all controls below & assess ongoing risks. 2. Facilitate learning outcomes. Visiting staff responsibilities: 1. Non-activity supervision. 2. Monitor and assess student welfare learning and safety.
Past incident data: 2005-8 data indicated... Experienced staff report that you must teach the technical aspects of High Ropes in a systematic manner and observe students at all times. Mark out 'safe' areas/boundaries for students to be in. Make sure safety guidelines have been explained to students	Date Risk Assessment completed: 09/12/08 Date Risk Assessment reviewed: Review Cycle: Annually
Please Note: Risks may exist that have not been identified in the table below. Organisational tolerance: ROSA accepts the post-control residual risk as tolerable within the educational context of the activity. List 12-20 key risks. Consider the potential for energy to be transferred when deciding which risks are key. Refer to past incident data. Use the hierarchy of risk control to select an appropriate control.	

Likelihood (Probability and frequency of exposure)		
Descriptor	Rating	Description
Eliminated	0	Risk eliminated
Unlikely	1	May occur, but only in exceptional circumstances
Possible	2	Might occur at some time.
Likely	3	Will probably occur in most circumstances.
Almost certain	4	Is expected to occur in most circumstances.
Certain	5	Is expected to occur in all circumstances.

Consequence (Likely outcome)		
Descriptor	Rating	Description
Minor	1	No injuries, bruising, temporary rash / irritation. Dealt with by staff in the field,
Important	2	First aid treatment, irritation, discomfort, nausea, Dealt with by staff in the field
Serious	3	Evacuation and medical treatment required, unconsciousness, fractures, dislocation.
Major	4	Extensive injuries, permanent disability,
Catastrophic	5	Fatal injuries

Risk Rating Legend		
Score	Assessment of Risk	Priority of Action
1-4	LOW	Address or repair if possible. Schedule for action after other risks have been controlled.
5-7	MEDIUM	Further improvements required: assess feasibility for risk controls.
8-13	HIGH	Risk controls required to continue with activity.
+14	EXTREME	Immediate attention required. Consider stopping activity or alternate program until adequate controls are implemented.

Risk Assessment pre controls				Falls from Height
Hazard	Likelihood	Consequence	Risk Rating	Controls
Incorrect fitting of harness	2	5	10 HIGH	<ul style="list-style-type: none"> Teach students correct method of putting on harness and checking. All students to be checked by BOEC staff at commencement of activity and after toileting or other adjustments. Students and BOEC staff to check harness before leaving ground. Full body harness used for flying possum and leap of faith elements. Chest harness used for flying fox.
Incorrect belay technique	4	5	20 EXTR	<ul style="list-style-type: none"> AT HEIGHT BELAYS: Detailed instruction and coaching of correct technique. Students to be deemed competent prior to belaying live loads. BOEC staff to monitor all students belaying and doing changeovers. Student buddies allocated but not relied upon as a supervision replacement. GROUND BELAYS: Each BOEC staff to monitor no more than two belay teams at any one time. Belay teams must be monitored by BOEC staff not VT's or other untrained adults. A belay team must have 3 students, 2 must be using a belay device (one primary, one back up belayer the 3rd coiling the rope)
Falling from High Ropes course	2	5	10 HIGH	<ul style="list-style-type: none"> All users of course to use fall restraint system at all times. Teach students correct method for clipping. Make sure all students practice this on the ground. Students must be deemed competent prior to leaving the ground. Sufficient time must be allocated to allow this process to be effective. BOEC staff systematically monitor students on course. VT may assist but is not responsible for supervision of students at height.
Falls from ladders	2	5	10 HIGH	<ul style="list-style-type: none"> All participants to be belayed prior to climbing ladders. Ladders to be secured to poles prior to use. Ladder bases to be seated firmly and evenly on ground.
Climber disconnects from rope whilst at height.	1	5	5 MED	<ul style="list-style-type: none"> Students taught correct way to tie knot. Must be able to tie correctly it twice. Students briefed on how to check knots. BOEC staff to check each knot before student leaves the ground. Students do a self check, and are briefed on pre-climb check procedure. "Twist locking" carabiner used to connect full body harnesses to ropes.

Risk Assessment pre controls				Manual Handling
Hazard	Likelihood	Consequence	Risk Rating	Controls
Injury due to lifting heavy weights	2	3	6 MED	<ul style="list-style-type: none"> Staff and students to carry to their own ability. BOEC staff to monitor what students carry

Risk Assessment pre controls				Collisions
Hazard	Likelihood	Consequence	Risk Rating	Controls
Flying fox user colliding with person on ground	2	3	6 MED	<ul style="list-style-type: none"> Make sure everyone clear of path before person leaves the platform

Risk Assessment pre controls				Environment
Hazard	Likelihood	Consequence	Risk Rating	Controls
Severe weather	2	5	10 HIGH	<ul style="list-style-type: none"> Staff to asses conditions on the day of activity. If lightning is close, course must be cleared of people. In strong winds, course may be cleared. Staff to monitor weather throughout activity.
Insect bites and stings	2	5	10 HIGH	<ul style="list-style-type: none"> Monitor ropes course site and control jumping jack nests as needed.

Risk Assessment pre controls				Falling Objects
Hazard	Likelihood	Consequence	Risk Rating	Controls
Items falling from the course	2	4	8 HIGH	<ul style="list-style-type: none"> Everyone to wear helmets around HR course at all times. Visual checks of participants to minimise loose objects
Limbs falling into course from nearby trees	2	5	10 HIGH	<ul style="list-style-type: none"> Periodic checks of trees to identify and remove hazards. Course may be cleared in strong wind conditions. In this situation, consideration must be given to risks involved in moving group.