



Adventure Activity Risk Register

Rock Climbing

Location:	Bogong Village, Strawberry Saddle	Time of Year:	Term 1, 2, 4
Communications ability rating:	BOEC Radio Network.	Year level:	8-12

Learning Outcomes: 1. Appreciation and tolerance of the abilities of self and others 2. Taking risks and overcoming fears 3. Appreciation of the environment 4. Appreciation and knowledge of technical aspects of climbing and abseiling.	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 climbing 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: 9/12/08 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
Climber disconnects from rope whilst at height.	1	5	5 MED	<p>Students taught correct way to tie knot. Must be able to tie correctly it twice. Students briefed on how to check knots.</p> <ul style="list-style-type: none"> • BOEC staff to check each knot before student leaves the ground. • Students do a self check, and are briefed on pre-climb check procedure.
Climber falls out of harness	2	5	10 HIGH	<ul style="list-style-type: none"> • Students taught correct method of putting on harness and checking. • All students to be checked by BOEC staff at commencement of activity and after any adjustments. • Students and BOEC staff to check harness before leaving ground. No climber is to hang upside down. Chest harness is to be worn on pear shaped climbers, or when using overhang climb.
Rope or anchor failure	1	5	10 Med	<ul style="list-style-type: none"> • Ropes to be rigged to minimise wear and eliminate edge loading. • Multiple, equalised anchors to be used. Anchor integrity, hardware integrity and correct direction of force must be assessed prior to live loading. • BOEC staff to check rope condition and record in manual at the start of every session. • BOEC teacher in charge to check all ropes, slings and hardware at start of every term and document these checks.
Incorrect belay technique	4	5	20 EXTR	<ul style="list-style-type: none"> • Detailed instruction and coaching of correct technique. • Students must be deemed competent prior to leaving the ground. • Sufficient time must be allocated to allow this process to be effective • A back up belayer must be used with all student belayers plus a rope coiler. • BOEC staff to systematically monitor all students belaying. • 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.
Participant or BOEC staff falls whilst not using fall restraint system	2	5	10 HIGH	<ul style="list-style-type: none"> • Participants briefed on activity boundaries and no go zones. Boundary ropes used to designate no go zones. All people to use fall restraint system within 2 metres of cliff edges.

Risk Assessment pre controls				Manual Handling
Hazard	Likelihood	Consequence	Risk Rating	Controls
Injured hands/fingers due to belay device	2	3	6 MED	<ul style="list-style-type: none"> • BOEC staff to teach correct belay technique, stress importance of keeping hands away from belay device. • Staff to monitor students belaying
Hair or clothes caught in figure 8 device	2	2	4 LOW	<ul style="list-style-type: none"> • Make sure all students hair is tied back. • Students to tuck clothes into harness.

Risk Assessment pre controls				Collisions
Hazard	Likelihood	Consequence	Risk Rating	Controls
Climber collides with cliff/wall when falling	2	4	8 HIGH	<ul style="list-style-type: none"> Ropes to be rigged to minimise swinging. Climbers monitored and directed to climb in line with rope. Climbs are selected to minimise collision hazard.

Risk Assessment pre controls				Environment
Hazard	Likelihood	Consequence	Risk Rating	Controls
Severe weather – hypo and hyperthermia	2	3	6 MED	<ul style="list-style-type: none"> Make sure before leaving Bogong all students have wet weather gear and food. Monitor students food intake and appropriate clothing.
Asthma, allergies	2	5	10 HIGH	<ul style="list-style-type: none"> Check medical forms Make sure students carry their medication. BOEC staff to carry Ventolin and anti histamines and epi pens
Hypo/ hyperthermia	2	3	6 MED	<ul style="list-style-type: none"> Check students carrying wet weather gear. Monitor students food and water intake.

Risk Assessment pre controls				Falling Objects
Hazard	Likelihood	Consequence	Risk Rating	Controls
Falling rock or hardware	2	5	10 HIGH	<ul style="list-style-type: none"> BOEC staff to check top of climbing and abseil sites for hazards. BOEC staff to be cautious handling hardware at top of sites. All participants to be briefed on boundaries and the need to avoid kicking rocks.