

Risk Assessment Form – Outdoor Education & Activities

Risk Assessment reference Number: ACT-014

Date: 4/11/19	Conducted by: Brett Hawthorn
Department: Activities	Approved by: Kim Tantrum Department Manager
Area being assessed: Rock Climbing	Review date: 1/12/20 <i>[NB Annual anniversary as a minimum]</i>

Risk aspect	Contributory Factors	Likelihood	Conseq - uences	Risk Rating	Risk Control Measures	Likelihood	Conseq - uences	Final Risk Rating
Serious Falls	<ul style="list-style-type: none"> > Poor belaying > Belayer/s not ready > Ppt not attached > Lack of instructor supervision > Incorrect set up > Karabiners not done up > Slippery surfaces > Fainting/anxiety > Slack not taken out of ropes > Equipment not packed away after use > Participants climbing on wall after hours 	5	3	15	<ul style="list-style-type: none"> >Ensure instructor has adequate belaying training >A full demo safety brief given >Meet instr/ppts ratios >Equipment to be stored appropriately between use, ropes to be tied up out of the way >Tarp to cover wall when not in use 	2	3	6

Minor falls/trips	<ul style="list-style-type: none"> > Equipment on ground > Slippery surfaces when wet > Tripping over ground anchor points 	5	2	10	<ul style="list-style-type: none"> > Equipment to be put away when not in use > Ground anchors to be rotated away when not in use > Ground anchors kept clean to ensure they rotate away properly > Equipment not to be left lying around when not in use 	2	2	4
Structure Failure	<ul style="list-style-type: none"> > Poor maintenance > People using equipment out of Fairbridge hours causing damage > Anchor point failure 	3	5	15	<ul style="list-style-type: none"> > Routine maintenance checks to be carried out on the structure to ensure it is safe > Ensure all supporting structures are visually checked during set up > Tarp to cover the bottom of the wall when not in use > Belayer to be clipped into the belay system while belaying 	1	4	4
Equipment Failure	<ul style="list-style-type: none"> > Equipment being incorrectly used > Equipment not being stored and maintained properly > Equipment left outside and becomes damaged > Ppts not closing gates of karabiners correctly > Cross loading karabiners > Equipment not checked before use 	3	4	12	<ul style="list-style-type: none"> > Ensure all ropes are flaked and checked before use > Ropes are stored correctly away and washed regularly > Only equipment designed for the intended purpose may be used > Equipment is routinely washed, lubricated and inspected > A full demo safety brief 	1	4	4

	<ul style="list-style-type: none"> > Ppts too young to understand what to do > Karabiners done up too tight > Karabiners clipped on incorrectly > Dirt in rope from being on the ground 				given			
Insect Bites	> Adventure area not inspected prior to use	3	4	12	> Wall to be checked for spiders/insects prior to use	1	3	3
Dehydration	<ul style="list-style-type: none"> > Lack of adequate water supplies > Hot and humid conditions 	3	2	6	<ul style="list-style-type: none"> >Ensure all participants have adequate water supplies to last session >Additional water to be available if needed 	2	2	4
Head/Body Injuries	<ul style="list-style-type: none"> > Equipment falling from height > Ppt/belayer falling over > Loose items in ppts pockets falling out > Shoes falling off ppts > Helmets not correctly fitted > Hair getting jammed in belaying device >Participants swinging into the beam on the left hand side >participant cutting their hands on the top of the beam 	3	3	9	<ul style="list-style-type: none"> > A full demo safety brief given >Unsecure objects not to be taken onto the activity >Correctly fitted helmets must always be worn during activity >Shoe laces to be tied >Long hair to be tied back from face >Ensure adequate supervision of groups by instructors/teachers/parents >Left climbing route (blue) to be designed to be a straight climb up to minimise chance of 	2	2	4

					swinging into beam >Mark located on beam to indicate the highest point participants can climb			
Rope Burn	<ul style="list-style-type: none"> > No gloves worn > Ropes wrapped around limbs > Inattention to situation > Ppts getting lowered down too quickly > Unnecessarily holding onto ropes > Belayers not watching/ready when ppts falls 	5	3	15	<ul style="list-style-type: none"> >Gloves to be worn, if necessary, by belayers >Ropes laid on ground, not around limbs >Constant attention to ppt during descent from belayer >Instructor to supervise any belaying carried out by ppt's 	2	2	4
Hair entanglement /Clothing Jam	<ul style="list-style-type: none"> > Hair not tied back/out of face > Jewellery getting caught in devices > Loose, baggy clothing worn by ppts > Fingers/gloves getting caught in descending/belaying devices 	4	3	12	<ul style="list-style-type: none"> >Checking ppts clothing before starting >All long hair is to be tied back and jewellery tucked away >A full demo safety brief given 	1	3	3

Risk calculation table

Likelihood	Consequences/Impact				
	Insignificant <i>No injuries/low financial loss</i>	Minor <i>First aid /medium financial loss, on site release immediately contained</i>	Moderate <i>Medical treatment/high financial loss. On site release contained on site with external resources</i>	Major <i>Extensive injuries/major financial loss. On site release contained on site with external resources</i>	Catastrophic <i>Death/huge financial loss. Toxic release with detrimental effect. Serious public or media outcry</i>
	1	2	3	4	5
5 - Almost certain Expected to occur in most circumstances	M (5)	H(10)	E(15)	E(20)	E (25)
4 – Likely Will probably occur in most circumstances	M(4)	H(8)	H(12)	E(16)	E(20)
3 – Possible Might occur at some time	L(3)	M(6)	H(9)	H(12)	E(15)
2 – Unlikely Could occur at some time	L(2)	M(4)	M (6)	H(8)	H(10)
1 - Rare May occur only in exceptional circumstances	L(1)	L(2)	L(3)	M(4)	M(5)

LEGEND

E (15-25)	Extreme Risk – Not permitted
H (8-14)	High Risk – Continuous monitoring of the controls measures.
M (4-7)	Moderate Risk – Permitted under supervision
L (1-3)	Low Risk - Manage by routine procedures