



ADVENTURE ACTIVITIES RISK ASSESSMENT AND CONTROL RECORD

This Risk Assessment shall be reviewed at least every 2 years, upon identification of any new risks or whenever there is a related incident or change in a the task, process or activity which may alter risks

PART A - ACTIVITY DETAILS			
Name of activity:		Risk Assessment Number:	
Possum Glider		YMCA-AA-RAH06	
Activity Scope:		ACTIVITY RISK RATING	
This heights activity uses the group as the hauling 'donkey belay' and safety team to lift a participant to height and lower them in a controlled and safe manner. The participant can ascend in a variety of ways to match the individuals' capabilities or choices. Participants are connected to a safety belay system the entire time		Overall Risk Level (without Controls)	Overall Risk Level (with Controls)
		High	Moderate
Equipment / Facility Requirements:	Group Size and Supervision Requirements:	Activity Leader Qualification Requirements:	
Harnesses, helmets, ropes, karabiners, belay devices	Recommended Group Size: 15 Minimum number of Leaders: 1 Maximum ratio: 1 Supervising Adult :15 Participants	Challenge Course Leader skill set or equivalent and current Vertical Rescue (Sport) qualifications and first aid	
Prepared By:	In Consultation with:	Issue Date:	Next Review Date:
Lynda Aldridge	Brent Greenfield, David Bailey, Angela Byrne	June 2021	June 2023
WHS Advisor	Group Manager		
Angela Byrne	Will Sambrook		
Reference Information: (e.g. manufacturer's instructions, operating manuals, industry information, Company Policies, CoP, Standards, Regulations)		Supporting Documentation: (e.g. Work Instruction, SWP, Guidelines, Manuals, Inspection Checklists, Training Records, Signage)	
Australian Adventure Activity Standard, Core Good Practice Guide (GPG) & Challenge Courses GPG v1.0, Artificial Climbing Structures and Challenge Courses AS/NZS 2316.2.1:2016		Activity specific Standard Operating Procedures Rescue-Heights SOP/ Emergency Management Activity Equipment Checklist Equipment Inspection, routine Equipment Inspection, annual	

PART B - HAZARD IDENTIFICATION, RISK ASSESSMENT AND CONTROL										
Hazard	Risk Event	Consequences	Initial Risk			Control Measures	Person Responsible	Current Risk		
People – List all hazards and risks associated with People.										
Swinging participant or equipment	Participants or bystanders being struck by swinging participant or equipment	Abrasions, contusions, lacerations	3	A	M	<ul style="list-style-type: none"> • Clear boundaries to be marked out with cones or rope for high risk flight or dropzone areas • Participants excluded from, and briefed about, drop zones/ flight lines during activity • Brief client staff on required general supervision and monitoring of behaviour during the activity session 	Outdoor Leader	2	A	L
Working or participating at heights	Participant sustaining a fall	<ul style="list-style-type: none"> • Strains • Sprains • Fractures • Concussions 	3	B	M	<ul style="list-style-type: none"> • Ensure minimum two suitably qualified adults present when working at height (>2 metres) • Ensure Heights Outdoor Leaders participate in regular rescue training (minimum annually) • Ensure SOP training is completed and adhered to. 	Program Coordinator	2	B	M
						<ul style="list-style-type: none"> • Follow correct working at height and Standard Operating procedures • Demonstrate to participants how to correctly fit harness • Check participant harness prior to commencing activity • Ensure use of full body harness where inversion is probable • Ensure harnesses are connected by safety line to appropriate anchor point or belay where exposure to a fall exists • Use belay system appropriate to activity and location • Ensure that helmets are worn at all times when working at heights greater than 1200mm including ascending and descending • Check all participants understand the nature of the activity and instructors • Ensure correct usage of Safety Tails where applicable • Ensure suitably equipped rescue pack with spare equipment is accessible • Ensure minimum slack on belay rope to minimise fall distance 	Outdoor Leader			
Working or participating at heights	Extended time in harness causing exposure to harness hang syndrome	Unconsciousness	3	C	H	<ul style="list-style-type: none"> • Undertake annual rescue training in current skills sets • All rescues completed as expediently as safety allows • Instruct participant to move their legs and try and remove the weight from their harness • Have a suitably equipped rescue pack with spare equipment 	Outdoor Leader	2	C	H

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Hazard	Risk Event	Consequences	Initial Risk			Control Measures	Person Responsible	Current Risk		
			3	B	M			1	A	L
Dynamic nature of heights activities	Inversion of participant causing them to fall out of the safety harness	Strains, sprains, fractures and/or concussion	3	B	M	<ul style="list-style-type: none"> • Correct gear available for needs participants. • Ensure Outdoor Leaders complete training and follow Standard Operating Procedures 	Program Coordinator	1	A	L
	Failure to adhere to correct belay procedures	Strains, sprains, fractures and/or concussion	3	B	M	<ul style="list-style-type: none"> • Ensure correct use of harness appropriate for the activity • All participant shown how to correctly fit harness • Harness to be checked by Instructor • Participants to be made aware of risks associated with the activity • Briefed on risk of inversion • SOP training completed and adhered to 	Outdoor Leader			
Falling Objects	Struck by falling objects	Lacerations, contusions, concussion	3	A	M	<ul style="list-style-type: none"> • Participants briefed on positioning of hands and use of karabiners / descending device etc. • Minimum belay age of 12 years to be adhered to • Back up belay system to be used if participants belaying • Ensuring Client Staff are maintaining supervision and monitoring of behaviour during the activity session 	Outdoor Leader	2	A	L
						<ul style="list-style-type: none"> • Ensure all items in pockets etc. are removed prior to commencing activity • Brief participants on where to stand during activity • Ensure no-one is beneath instructor when handling equipment • Ensure approved helmets are worn by anyone in drop zone 	Outdoor Leader			

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Hazard	Risk Event	Consequences	Initial Risk			Control Measures	Person Responsible	Current Risk		
Logistics & Equipment – List all risks associated with Logistics and Equipment.										
Personal Protective Equipment (PPE)	Not provided or not correctly fitted	Abrasions, contusions, lacerations	3	B	M	<ul style="list-style-type: none"> • Demonstrate and brief on correct fitting of PPE • Ensure correct fitting of PPE when initially fitted • Double check PPE immediately before participating in activity • Check PPE during activity • Different size helmets available and highly adjustable • Helmets to be of the correct size and fit • Helmets to be checked prior to commencing activity • Helmets to be worn and secured throughout any activity session where participants are exposed to typical climbing/abseiling hazards • Helmets to remain on participants until completion of the activity • Different size harnesses available and highly adjustable • Suitable Harness to be of the correct size and fit • Harnesses to be checked prior to commencing activity and rechecked if removed for any reason 	Outdoor Leader	2	B	M
Using damaged equipment	Equipment failure	Minor physical injury Abrasions, contusions, lacerations	3	A	M	<ul style="list-style-type: none"> • Use International Climbing and Mountaineering Federation (UIAA) approved equipment • Particular attention to fastening systems when removable rope systems are used • Suitable top anchor points to be used with correct capacity (15kN if 1 person using anchor or 21kN if 2 people are using the anchor point) Ropes course installer to be consulted regarding intended use of anchor points 	Lead Outdoor Instructor Outdoor Leader	2	A	L
Handling Rope	Excessive friction if holding the rope and it is pulled quickly	Minor friction burn	3	B	M	<ul style="list-style-type: none"> • Participant attachment system as simple as possible and standard across multiple activities 	Program Coordinator	2	A	L
						<ul style="list-style-type: none"> • Instruct participants not to wrap the rope around their limbs • Any loose ends of rope to be correctly secured • Haul teams to be secured to the rope using karabiners and sit harnesses to prevent slippage 	Outdoor Leader	2	C	M

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Hazard	Risk Event	Consequences	Initial Risk			Control Measures	Person Responsible	Current Risk		
Handling Devices	<ul style="list-style-type: none"> • Entrapment or of clothing or body parts • Entanglement in equipment 	Minor abrasions, contusions, lacerations	4	A	M	<ul style="list-style-type: none"> • Program to be developed to ensure it fits with individual group capabilities • Provide suitably equipped rescue pack with spare equipment available in case of emergency • Design of setup to include; standard attachment method across activities and sites (where possible), as simple as possible and using the safest devices available 	Program Coordinator	2	A	L
						<ul style="list-style-type: none"> • Brief participants on activity and potential risk of injury • Demonstrate correct handling of equipment • Learning checks performed • Modifications made where necessary • Ensure long hair is tied back before participating in the activity. • All forms of jewellery should be removed or protected (e.g. tape) before participating in the activity • Ensure Client staff are providing supervision and monitoring of behaviour during the activity session 	Outdoor Leader			