




# 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*

<b>PART A - ACTIVITY DETAILS</b>			
<b>Name of activity:</b>		<b>Risk Assessment Number:</b>	
Bouldering		YMCA-AA-RAH11	
<b>Activity Scope:</b>		<b>ACTIVITY RISK RATING</b>	
This activity is a form of climbing which is limited in height and fall safety an be achieved with an impact absorbing system, and/or by a spotter to provide control of fall.		<b>Overall Risk Level (without Controls)</b>	<b>Overall Risk Level (with Controls)</b>
		High	Moderate
<b>Equipment / Facility Requirements:</b>	<b>Group Size and Supervision Requirements:</b>	<b>Activity Leader Qualification Requirements:</b>	
Climbing Wall in Sports Hall, High Impact Crash Mat, helmets	Recommended Group Size: 15 Minimum number of Leaders: 1 Maximum ratio: 1 Supervising Adult :15 Participants	Lead challenge course sessions, low elements skill set or equivalent and first aid	
<b>Prepared By:</b>	<b>In Consultation with:</b>	<b>Issue Date:</b>	<b>Next Review Date:</b>
Lynda Aldridge	Brent Greenfield, Angela Byrne	November 2022	November 2024
<b>WHS Advisor</b>	<b>Group Manager</b>		
Angela Byrne	Will Sambrook		
<b>Reference Information:</b> (e.g. manufacturer's instructions, operating manuals, industry information, Company Policies, CoP, Standards, Regulations)		<b>Supporting Documentation:</b> (e.g. Work Instruction, SWP, Guidelines, Manuals, Inspection Checklists, Training Records, Signage)	
Australian Adventure Activity Standard, Core Good Practice Guide (GPG) & Abseiling and Climbing GPG v1.0, Artificial Climbing Structures and Challenge Courses AS/NZS 2316.2.1:2016		Master Adventurous Activity Risk Assessment and Control Record Activity specific Standard Operating Procedures / Emergency Management Activity Equipment Checklist Equipment Inspection, routine Equipment Inspection, annual	

RISK ASSESSMENT MATRIX		Consequences				
		A – Minor Injury requiring first aid treatment only e.g. cuts, bruises.	B-Significant Disabling injury requiring short term medical treatment (e.g. laceration requiring stitches, fractured bone)	C-Substantial Serious injury requiring overnight hospitalization / short term rehabilitation.	D-Major Serious Injury resulting in permanent impairment / long term rehabilitation	E-Disaster Death, multiple serious injuries.
Likelihood	<b>5-Almost Certain</b> Is expected to occur in most circumstances; once a week; 50-100%	HIGH	HIGH	EXTREME	EXTREME	EXTREME
	<b>4-Likely</b> Would probably occur in most circumstances; once every month; 10-50%	MODERATE	HIGH	HIGH	EXTREME	EXTREME
	<b>3-Possible</b> Might occur at some time in the future; once every year; 1-10%	MODERATE	MODERATE	HIGH	HIGH	EXTREME
	<b>2-Unlikely</b> Unlikely sequence or coincidence but could occur at some time; once every 10 years; <1%	LOW	MODERATE	MODERATE	HIGH	HIGH
	<b>1-Rare</b> May only occur in exceptional circumstances; once every 100 years; “one in a million”	Low	Low	MODERATE	MODERATE	MODERATE
RISK CONTROL HEIRARCHY						
Proactive		Level 1	<b>Elimination</b> - Can risks be removed, repaired, outsourced or otherwise eliminated?			
		Level 2	<b>Substitution</b> - Can risks be reduced through substituting the hazard or process with a safer alternative?			
			<b>Isolation</b> - Can risks be reduced through isolating the hazard from possible contact with workers or patrons?			
			<b>Engineering</b> - Can risks be controlled through engineering means or structural / equipment modification?			
Level 3	<b>Administration</b> - Can risks be controlled through training, supervision and / or signage?					
	<b>Personal Protective Equipment</b> - Can risks be controlled through the use of personal protective equipment?					
Reactive		Level 4	<b>Emergency Response</b> - Can risks be reduced through the provision of special / additional emergency response equipment and/or procedures? (measures in addition to standard First Aid kits, First Aid personnel, Fire Safety Installations, Fire and Evacuation Plans, training and drills)?			

<b>PART B - HAZARD IDENTIFICATION, RISK ASSESSMENT AND CONTROL</b>										
Hazard	Risk Event	Consequences	Initial Risk			Control Measures	Person Responsible	Current Risk		
			L	C	R			L	C	R
<i>What is the source of the Risk?</i>	<i>How can a person be injured?</i>	<i>What are the expected injuries / illness?</i>	L	C	R	<i>What will reduce the likelihood or consequences?</i>	<i>Who is responsible for implementing the control measure?</i>	L	C	R
<b>Environment</b> – hazards and risks associated with the Environment.										

Please refer to Master Risk Assessment for Adventurous Activities for generic risk assessment and controls

<b>PART B - HAZARD IDENTIFICATION, RISK ASSESSMENT AND CONTROL</b>										
Hazard	Risk Event	Consequences	Initial Risk			Control Measures	Person Responsible	Current Risk		
<b>People – List all hazards and risks associated with People.</b>										
Working or participating at heights	Participant sustaining a fall	<ul style="list-style-type: none"> <li>• Strains</li> <li>• Sprains</li> <li>• Fractures</li> <li>• Concussions</li> </ul>	3	B	M	<ul style="list-style-type: none"> <li>• Train participants on how to competently Spot. Spotters are a person or persons who are taught how to Spot. Spotting is a support process provided by a person, or persons, who offer physical protection of the head and upper body of a person should they fall.</li> <li>• Undertake knowledge and observational checks to ensure participants are competent in Spotting</li> <li>• Limit height for which fall safety can be achieved by the provision of an impact absorbing system, by a spotter providing control of a fall or by a combination of these measures</li> <li>• Participants briefed on proper falling technique</li> </ul>	Outdoor Leader	2	B	M
Working or participating at heights	Falling from height	Strains, sprains, fractures and/or concussion	3	C	H	<ul style="list-style-type: none"> <li>- downclimb whenever possible</li> <li>- scope out landing</li> <li>- widen stance, feet shoulder-width apart</li> <li>- tuck head and limbs into body by bringing arms across chest</li> <li>- on impact bend knees and in one fluid motion roll onto back and side</li> <li>• Participants practice falling technique from low height before climbing</li> </ul>	Outdoor Leader	2	C	H
Falling Objects	Struck by falling objects	Lacerations, contusions, concussion	3	A	M	<ul style="list-style-type: none"> <li>• Ensure all items in pockets etc. are removed prior to commencing activity</li> <li>• Brief participants on where to stand during activity</li> <li>• Ensure no-one is beneath instructor when handling equipment</li> <li>• Ensure approved helmets are worn by anyone in drop zone</li> </ul>	Outdoor Leader	2	A	L

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Hazard	Risk Event	Consequences	Initial Risk			Control Measures	Person Responsible	Current Risk		
<b>Logistics &amp; Equipment – List all risks associated with Logistics and Equipment.</b>										
Personal Protective Equipment (PPE)	Not provided or not correctly fitted	Abrasions, contusions, lacerations	3	B	M	<ul style="list-style-type: none"> <li>• Different size helmets available and highly adjustable</li> <li>• Helmets to be of the correct size and fit</li> <li>• Helmets to be checked prior to commencing activity</li> <li>• Helmets to be worn and secured throughout any activity session where participants are exposed to typical climbing/abseiling hazards</li> <li>• Helmets to remain on participants until completion of the activity</li> </ul>	Outdoor Leader	2	B	M
Using damaged equipment	Equipment failure	Minor physical injury	3	B	M	<ul style="list-style-type: none"> <li>• Use International Climbing and Mountaineering Federation (UIAA) approved equipment</li> <li>• Crash mats maintained and in good repair</li> </ul>	Lead Outdoor Instructor	2	B	M

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