




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:	
Bouldering		YMCA-AA-RAH11	
Activity Scope:		ACTIVITY RISK RATING	
This activity is a form of climbing which is limited in height and fall safety can be achieved with an impact absorbing system, and/or by a spotter to provide control of fall.		Overall Risk Level (without Controls)	Overall Risk Level (with Controls)
		Medium	Low
Equipment / Facility Requirements:	Supervision Requirements:		Activity Leader Qualification Requirements:
Bouldering Wall in Sports Hall, custom ICP Bouldering safety matting.	Supervision of active participants	1 Outdoor Leader	
	Supervision of non-active participants	1 responsible person (e.g. Teacher)	
		YMCA Internal Training and current first aid	
Prepared By:	In Consultation with:		Issue Date:
Lynda Aldridge	Brent Greenfield, Jackie Kelly, Jordan Devine, Graeme Ferguson		1-Dec-2023
Next Review Date:	30-Nov-2026		
WHS Advisor	Group Manager		
Michael Schablon	Michelle Stanton		
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)	
ICP User Manual, AAAS Good Practice Guide – Abseiling and Climbing, WHS Act 2011, WHS Regulations 2011, AS 2316.2.2- Australian Standard for Artificial Climbing Walls and Challenge Course Systems (adopted from EN 15567 1 and 2).		Master Adventurous Activity Risk Assessment and Control Record Activity specific Standard Operating Procedures / Emergency Management Activity Equipment Checklist Equipment Inspection, routine Equipment Inspection, annual iAudit Training records	

RISK ASSESSMENT MATRIX		Consequences				
		A – Insignificant Near miss or limited harm not requiring first aid	B – Minor Injury or illness requiring no medical treatment with no lost time and minor incidents	C – Moderate Compensable physical or phycological injury with > 7 days off.	D – Major Serious Injury resulting in permanent impairment / long term rehabilitation	E – Extreme Death, multiple serious injuries.
Likelihood	5-Almost Certain Is expected to occur again either immediately or within a short period of time (likely to occur most weeks or months)	MEDIUM	HIGH	HIGH	HIGH	HIGH
	4-Likely Will probably occur in most circumstances (several times a year)	LOW	MEDIUM	MEDIUM	HIGH	HIGH
	3-Possible Probably will occur at some time (may happen every 1-2 years)	LOW	LOW	MEDIUM	MEDIUM	HIGH
	2-Unlikely Possibly to occur at some time in 2-10 years	LOW	LOW	LOW	MEDIUM	MEDIUM
	1-Rare Unlikely to occur only in exceptional circumstances (may happen every 10 – 20 years)	LOW	LOW	LOW	LOW	MEDIUM
RISK CONTROL HEIRARCHY						
Proactive	 <p>Most Effective</p> <p>Least Effective</p>	Level 1	Elimination - Can risks be removed, repaired, outsourced or otherwise eliminated?			
		Level 2	Substitution - Can risks be reduced through substituting the hazard or process with a safer alternative?			
			Isolation - Can risks be reduced through isolating the hazard from possible contact with workers or patrons?			
		Level 3	Engineering - Can risks be controlled through engineering means or structural / equipment modification?			
Administration - Can risks be controlled through training, supervision and / or signage?						
Reactive		Level 4	Personal Protective Equipment - Can risks be controlled through the use of personal protective equipment?			
			Emergency Response - 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)?			

PART B - HAZARD IDENTIFICATION, RISK ASSESSMENT AND CONTROL

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

Environment – hazards and risks associated with the Environment.

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

PART B - HAZARD IDENTIFICATION, RISK ASSESSMENT AND CONTROL							
Hazard	Risk Event	Consequences	Initial Risk		Control Measures	Person Responsible	Current Risk
Working or participating at heights	Falling from height	Strains, sprains, fractures, concussions	3	C M	<ul style="list-style-type: none"> • Participants briefed on correct falling technique ensuring arms are in front of chest, chin tucked towards chest and knees bent on landing - down climb whenever possible - scope out landing - widen stance, feet shoulder-width apart - tuck head and limbs into the body by bringing arms across the chest or in T-rex position - on impact bend your knees and in one fluid motion roll onto your back • Participants practice sequential falling technique first from jump and roll, then from a low height before climbing • Ensure participants practice falling before bouldering and always fall correctly • Point out a visual line for participants to climb down to before doing a controlled fall • Train participants how to spot correctly, Spotters are a person(s) who has been taught how to Spot. Spotting is a support process provided by a person, or persons, who offer physical protection of a person's head and upper body should they fall. Spotting can be used when participants are not confident in their ability to climb • Undertake knowledge and observational checks to ensure participants are competent in Spotting and falling 	Outdoor Leader	2 B L
Falling Objects	Struck by falling objects	Lacerations, contusions, concussion	3	B L	<ul style="list-style-type: none"> • Ensure all items in pockets etc. are removed prior to commencing activity • Brief participants not to throw items in activity area • Brief participants on where to stand during activity • Ensure no-one is beneath participants when climbing 	Outdoor Leader	2 A L

PART B - HAZARD IDENTIFICATION, RISK ASSESSMENT AND CONTROL										
Hazard	Risk Event	Consequences	Initial Risk			Control Measures	Person Responsible	Current Risk		
Logistics & Equipment – List all risks associated with Logistics and Equipment.										
Using damaged equipment	Equipment failure	Abrasions, contusions, lacerations, asphyxiation	4	D	H	• Crash mats maintained and in good repair	Logistics Coordinator	2	C	L
Climbing holds	Slipping	Abrasions	3	A	L	• Brief participants on possibility of minor abrasions when climbing using holds	Outdoor Leader	2	A	L

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