



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:	
Meltdown Artificial Tunnelling		YMCA-AA-RAL10	
Activity Scope:		ACTIVITY RISK RATING	
‘Meltdown’ is an artificial tunnel and chamber system that incorporates puzzle challenges to complete. The system is enclosed and rooms darkened		Overall Risk Level (without Controls)	Overall Risk Level (with Controls)
		High	Moderate
Equipment / Facility Requirements:	Group Size and Supervision Requirements:	Activity Leader Qualification Requirements:	
Behind Bundalong. Program staff safety equipment and Meltdown Activity Kit	Recommended Group Size: 15 Minimum number of Leaders: 1 Maximum ratio: 1 Supervising Adult :15 Participants	Internal YMCA Training and current 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)		Activity specific Standard Operating Procedures 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		
			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.										
Hot/humid weather	<ul style="list-style-type: none"> Insufficient fluid intake Overexposure during program 	Dehydration Headaches Nausea Fainting	4	B	H	<ul style="list-style-type: none"> Participants to exit the structure periodically for break to drink water. Timing and length breaks to be determined by current atmospheric temperatures. 	Outdoor Leader	2	A	L
Visibility- Little or no lighting	Collision with other participants or	Abrasions Contusions Lacerations	3	B	M	<ul style="list-style-type: none"> Brief participants on environment in the chambers Brief participants to start in the first chamber and get accustomed to the dark before proceeding to the other chambers 	Outdoor Leader	2	B	M
Tunnels	Hitting head on tunnel or protruding obstacle	Abrasions, contusions, lacerations, concussions	3	B	M	<ul style="list-style-type: none"> Brief participants to close the first chamber door and let their eyes get accustomed to the dark before proceeding to the next chamber Brief participants on watching where they are going and to duck and crawl through the tunnels 	Outdoor Leader	2	A	L
Hot/humid weather	<ul style="list-style-type: none"> Insufficient fluid intake 	Dehydration Headaches Nausea	4	B	H	<ul style="list-style-type: none"> Participants to exit the structure periodically for break to drink water. Timing and length breaks to be determined by current atmospheric temperatures. 	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		
People – List all hazards and risks associated with People.										
Interpersonal conflict	• Breakdown of group cohesion resulting in loss of morale and confidence	Minor psychological injury	3	B	M	• Patrol outside 'reactors' to listen for inappropriate behaviour	Outdoor Leader	3	A	M
Outdoor Leader	Perceived abuse due to failure to	Significant emotional stress	3	A	M	• Instructor to remain outside of the 'reactors' unless emergency situation occurs	Outdoor Leader	2	A	L
Challenge Elements	Collision with obstacle	Strains, sprains, fractures and/or concussion	3	A	M	• Brief participants not to climb on the challenge elements in the 'reactors' • Brief participants to proceed with caution when moving through tunnels • Ensure approved helmets are worn by participants	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.										
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 	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"> • 'Reactors' fixtures and challenge elements inspected annually • Particular attention to fastening systems when removable rope • Inspect Challenge elements prior to use 	Lead Outdoor Instructor Outdoor Leader	2	A	L