



Risk Register - Rock Climbing, Climbing Tower

Risk Title and Description	Risk Causes and Consequences	Existing Controls	Current Risk Assessment - with existing controls				Treatment	Target Risk Assessment - after treatments		
			Effectiveness of existing controls	Consequence	Likelihood	Risk Level		Consequence	Likelihood	Risk Level
<p>Collision with an Object</p> <p>Description: There is a risk of injury to participants due to a collision with an object.</p>	<p>Causes: Participant swinging and hitting natural or artificial object.</p> <p>Climber skill or concentration</p> <p>Consequences Injury</p>	<ul style="list-style-type: none"> ➤ Helmets to be worn according to manufacturer's instructions. ➤ Abseils and climbs to be set up to minimise possibility of participant swinging. ➤ Abseils to be appropriate to ability and experience of participant. ➤ Participants to wear appropriate footwear. ➤ Visual and verbal connection to be maintained with participant. ● Climber's to be instructed to descend, ascend in line with the rope 	Effective	Minor	Likely	Medium				
<p>Falling from Height.</p> <p>Description: There is a risk of injury to a participant</p>	<p>Causes: Not attached to safety line.</p> <p>Rope cut.</p> <p>Falling out of harness.</p>	<ul style="list-style-type: none"> ➤ All appropriate equipment used and maintained as per manufacturer's instructions and recommendations. ➤ Only trained people to belay. ➤ Trained students and visiting teachers to belay under active supervision. 	Effective	Severe	Rare	Medium				

<p>due to falling from height.</p>	<p>Incorrect attachment. Belayer failure.</p> <p>Inappropriate access points.</p> <p>Equipment failure.</p> <p>Participant takes off harness or disconnects from belay system</p>	<ul style="list-style-type: none"> ➤ Abseil safety line to be implemented in all abseils. ➤ All participants waiting to climb or abseil to be attached to a safety line within the designated area. ➤ Participants briefed on activity boundaries and any 'no go' zones. ➤ Prohibit any unsupervised climbing. ➤ Rope protective equipment used where appropriate. ➤ Staff to check harness, attachment and belay system before any participation. ● A back up belayer must be used with all participant belayers plus a rope coiler. ● Staff to monitor no more than two belay teams at any one time. ● Staff to monitor participants comprehension of safety elements ● Students displaying actions of removing their harness due to anxiety for frustration and not to leave the ground 								
<p>Hit by a falling object.</p>	<p>Causes: Falling equipment.</p>	<ul style="list-style-type: none"> ➤ Helmets to be worn at all times and in accordance to manufacturer's instructions. 	<p>Effective</p>	<p>Moderate</p>	<p>Unlikely</p>	<p>Medium</p>				

<p>Description: There is a risk of injury to a participant due to being hit by a falling object.</p>	<p>Falling rock. Falling person.</p>	<ul style="list-style-type: none"> ➤ When setting up activity, staff to ensure participants are clear from area below them. ➤ During activity participants to be located away from base of climbing abseiling area. ➤ Inspections of site for any loose material to be undertaken prior to activity. ➤ All participants to be briefed on designated boundaries. ● Staff to be cautious handling hardware at top of sites 								
<p>Environment</p> <p>Description: There is a risk of injury to a participant due to entanglement</p>	<p>Causes: Hair or body part is caught in equipment. Jewellery of participant caught in equipment and/or rock face. Clothing of participant caught in rock face and/or equipment.</p>	<ul style="list-style-type: none"> ➤ All equipment used as per manufacturer's instructions and recommendations ➤ Helmets to be worn according to manufacturer's instructions ➤ Ensure long hair is tied back and secure ➤ Ensure all clothing is tucked away from device ➤ Participants to remove jewellery that may cause entanglement. ➤ Belaying is managed to reduce the risk of entanglement. 	Effective	Moderate	Unlikely	Medium				

<p>Equipment Failure</p> <p>Description: There is a risk of injury to a participant due to equipment malfunction</p>	<p>Causes: Artificial hand holds fall</p> <p>Anchor attachment point fails</p> <p>Section of the structure gives way</p> <p>Consequences:</p>	<ul style="list-style-type: none"> • All equipment used as per manufacturer’s instructions and recommendations • Walls and structures meet appropriate Australian Standard engineering certification • Maintenance of the wall to implemented and adhered to • Staff to undertake visual check of wall and hardware. • Equipment maintenance schedule. 	Effective	Moderate	Unlikely	Medium				
--	---	---	-----------	----------	----------	--------	--	--	--	--