

# SAFETY ACTION PLAN

ACTIVITY: CRATE CLIMB

LOCATION: GYM/ AUDITORIUM

## GROUP LEADER...

- ➡ Disclose relevant medical conditions
- ➡ Fulfil responsibilities in SAP below
- ➡ Assist with belaying
- ➡ Responsible for overall group management

## PARTICIPANTS...

- ➡ Comfortable (but not loose) clothing.
- ➡ Long hair tied back.
- ➡ Covered footwear recommended

## INSTRUCTOR...

- ➡ Pass internal training and assessment program or hold externally recognised rock climbing qualification
- ➡ Current first aid certificate

## RESTRICTIONS

Climbers 70kg max  
Over 5 years old  
No back injuries  
Not suitable for pregnant woman  
RATIOS (not including instructor)  
2 adult : 12 students

What could go wrong? 'The potential harm'	What would cause it to go wrong? 'The hazard'	How could we prevent it from going wrong? 'The mitigation'	Responsibility of?	When will it be done?	Emergency Plan
Death/Serious Injury (fall from height)	<ul style="list-style-type: none"> <li>- Inadequate instruction</li> <li>- Failure to follow instruction re: procedures and boundaries</li> <li>- Equipment/anchor failure</li> <li>- Poorly fitted harness/helmet/incorrect attachments</li> <li>- Inversion</li> <li>- Poor belaying technique</li> <li>- Extreme environmental event (Flooding, Earthquakes, Lightning &amp; High Winds)</li> </ul>	<ul style="list-style-type: none"> <li>- Instructors are suitably qualified</li> <li>- Clear instructions are given</li> <li>- Listen attentively and follow instructions</li> <li>- Regular inspections</li> <li>- Instructor to check harness and helmet fitting as well as all attachments</li> <li>- Chest harness to be worn if disproportional amount of body weight above harness</li> <li>- Instruct proper belay technique, supervise and correct poor technique</li> <li>- Move to the emergency evacuation area</li> </ul>	<p>TSCC TS instructor <b>Participants + Group leaders</b></p> <p>TS instructor</p> <p>TS instructor</p> <p>TS instructor</p>	<p>Before Beginning</p> <p>Prior to setup + Monthly inspection</p> <p>Beginning &amp; During</p> <p>Beginning &amp; During</p> <p>In the event</p>	<p><i>Suspected major injury</i></p> <ul style="list-style-type: none"> <li>- Instructor to coordinate first aid</li> <li>- Instructor to radio main office to arrange for ambulance or extra assistance</li> <li>- Assess if activity can continue</li> </ul> <p><i>Entrapment</i></p> <ul style="list-style-type: none"> <li>- Instructor to follow procedure to release trapped item</li> </ul> <p><i>Other/ Minor Injury</i></p> <ul style="list-style-type: none"> <li>- Group leader to administer first.</li> </ul>
Impact injury (falling against crate tower, falling objects)	<ul style="list-style-type: none"> <li>- Falling off crate stack without rope</li> <li>- Inattentive belaying</li> <li>- Failure to apply instruction re: foot placement</li> <li>- Dropping/dislodging objects</li> </ul>	<ul style="list-style-type: none"> <li>- Climb no higher than 2 crates without a rope</li> <li>- Pay attention, especially first 5-6 crates</li> <li>- Listen attentively and follow instructions</li> <li>- Helmets to be worn inside flags at all times</li> </ul>	<p><b>Participants Group leaders</b></p> <p><b>Participants + Group leaders</b></p>	<p>Before or during During</p> <p>During</p>	
Suspension Trauma	<ul style="list-style-type: none"> <li>- Prolonged hanging in a harness</li> <li>- Arresting a fall</li> </ul>	<ul style="list-style-type: none"> <li>- Lowering the climber as soon as it is safe to do so</li> <li>- Use of belay setup with sufficient dynamic movement to reduce sudden jolts</li> </ul>	<p>TS instructor+ Group leaders</p> <p>TSCC</p>	<p>During</p> <p>Before</p>	
Entrapment (hair, clothing, Fingers)	<ul style="list-style-type: none"> <li>- Inappropriate clothing</li> <li>- Long hair</li> <li>- Climber tangled in crate haul lines</li> <li>- Inappropriate lowering technique</li> </ul>	<ul style="list-style-type: none"> <li>- Remove loose clothing</li> <li>- Tie back long hair</li> <li>- Ensure lines are tied back when not in use</li> <li>- Lower climber in a controlled fashion</li> </ul>	<b>Participants + Group leaders</b>	Before & during	
Equipment damage (crates, rope)	<ul style="list-style-type: none"> <li>- Exceeding weight limit</li> <li>- Inappropriate lowering technique</li> </ul>	<ul style="list-style-type: none"> <li>- Crate climbers should weigh less than 70kg</li> <li>- Lower climber in a controlled fashion</li> </ul>	<b>Participants + Group leaders</b>	During	
Rope Burn	<ul style="list-style-type: none"> <li>- lowering too fast</li> </ul>	<ul style="list-style-type: none"> <li>- Instructor to monitor and correct poor technique</li> </ul>	TS instructor	During	
Psychological harm	<ul style="list-style-type: none"> <li>- Fear of heights</li> <li>- Being bullied or forced to participate</li> </ul>	<ul style="list-style-type: none"> <li>- Challenge by choice</li> <li>- Group encouragement</li> </ul>	TS instructor	During	

Please note: The instructor may cancel this activity at any time if conditions outlined in this SAP are not able to be achieved or maintained. **Serious hazards are highlighted**